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## Bhopal Tragedy: Operation, Design of Plant Are Faulted

New York Times Service NEW DELHI -- The gas leak at chemical plant in central India in December that killed at least 2,000 people was the result of operating errors, design flaws, maintenance failures and training deficiencies, according to present and former es, company documents and the Indian government's chief

Union Carbide reported a \$323million profit last year, including an \$18-million write-off for the

New York Times after the leak of toxic methyl isocyanate gas at a Union Carbide plant in Bhopal, India, produced history's worst in-

The inquiry unearthed informa-tion not available even to the Union Carbide Corp., the majority owner of the plant where the leak thorities have denied corporate representatives access to some doc-

uments, equipment and personnel. igation produced evidence of at least 10 violations of the standard procedures of both the parent corporation and its Indian-

Executives of Union Carbide India Ltd., which operated the plant, are reluctant to address the question of responsibility for the tragedy, in which about 200,000 people were injured. The managing director of the Indian company refused to talk about details of the accident or the conditions that produced it, although he did say that the enforcement of safety regulations was the responsibility of executives at the Bhopal plant.

A spokesman at Union Carbide corporate headquarters in Danbury, Connecticut, characterized any suggestion of the accident's causes as speculation.

The Times inquiry disclosed these and other irregularities at

• When employees discovered have been. the initial leak of methyl isocyanate 21 11:30 P.M. on Dec. 2, a supervi-unreliable, according to Shakil well as our own plants, are properly it was a water leak — decided to pervisor on duty at the time of the employees are properly trained." break, several workers said. In the he ignored the initial warning of next hour or more, the reaction the accident, a gauge's indication taking place in a storage tank went that pressure in one of three methyl out of control. Workers said that isocyanate storage tanks had risen the reasons for leaks were rarely fivefold in an hour.

cident, plant employees say, man-agers shut down a refrigeration unit cluding the West Virginia plant, designed to keep the methyl isocya- use to monitor their functions and nate cool and inhibit chemical reac-quickly alert the staff to leaks, emtions. The shutdown was a viola-

Support No. 1

tion of plant procedures. • The leak began, according to sense escaping methyl isocyanate several employees, about two hours as their eyes started to water. after a worker whose training did not meet the plant's original stan-dards was ordered by a novice su-tion had been sharply reduced, acpervisor to wash out a pipe that had cording to many plant employees, not been properly sealed. That procedure is prohibited by plant rules. get reductions.



A farmer drives cattle past the Bhopal pesticide plant.

Workers think the most likely • The staff at the methyl isocyasource of the contamination that nate plant, which had little autostarted the reaction leading to the mated equipment, was cut from 12 accident was water from this pro-

at least two of which, technical experts said, were built according to specifications drawn for a Union rbide plant at Institute, West Virginia, were unable to cope with conditions that existed on the night of the accident. Moreover, one of the systems had been inoperable for several days, and a second had been out of service for maintenance

 Plant operators failed to move some of the methyl isocyanate in the problem tank to a spare tank as required because, they said, the re was not compty as it should

 Instruments at the plant were - believing, he said later, that Qureshi, the methyl isocyanate su-

• The Bhopal plant does not • Several months before the ac- have the computer system that swering questions." ployees said. The management, they added, relied on workers to

Training levels and require-

Polls show a large majority of

The debate over the missiles took

position Socialists of having sup-

ported the NATO decision to

deploy the missiles, including the

seeking to delay deployment.

operators on a shift to six in 1983,

according to several employees. There were no effective public warnings of the disaster. The alarm that sounded on the night of the accident was similar or identical to those sounded for various purposes, including practice drills, about 20 times in a typical week, according to employees.

 Most workers, according to many employees, panicked as the gas escaped, running to save their own lives and ignoring buses that sat idle on the plant grounds, ready

In Danbury, the parent corporation said last month: "Union Carbide regards safety as a top priori-We take great steps to ensure that the plants of our affiliates, as equipped with safeguards and that

cord" of the managers of the Indian affiliate, adding that because of \$29 a barrel: the possibility of litigation in India "judicial and ethical rules and practices inhibit them from an-

V.P. Gokhale, the chief operating officer of Union Carbide India shortly after Mr. Oteiba left the interview on specific violations or not immediately rejoin the confer-the causes of the accident, but he ence when it resumed in late aftersaid the Bhopal plant was responsible for its own safety, with little

scrutiny from outside experts. The Bhopal plant was inspected in 1982 by experts from the parent company in the United States, and they filed a critical report, but Mr. Gokhale contended that the many (Continued on Page 5, Col. 1)

## **OPEC Discusses Price Cut Meeting Marked**

By Robert Burns

Of Nigeria, ŬAE

By Bickering

GENEVA - In a session marked by open discord, OPEC oil ministers discussed two pricing proposals Monday that, if adopted could cut the cartel's base price for only the second time in its history.

The 13 ministers of the Organization of Petroleum Exporting Countries met twice in closed session in a Geneva hotel and said no agreement had been reached. They aid they would resume the talks

The president of the conference the Indonesian oil minister, Subroto, told reporters that Nigeria and Saudi Arabia had submitted separate proposals aimed at narrowing the price gap between the cartel's highest-quality crudes and the lower-quality ones.

Nigeria said the spread should be \$2 instead of the current \$4; Saudi Arabia favored a \$2.90 gap, according to Mr. Subroto. In either case, price of Saudi light, the OPEC chmark crude, would be expected to come down, sources said. When asked, Mr. Subroto de-

clined to rule out a cut in the Saudi light price, and some other officials id the possibility had grown more

"Let us not prejudge" what will come out of Tuesday's meeting, Mr. Subroto said. "There are many

Less than an hour after the conrence started, the oil minister of the United Arab Emirates walked out, complaining that Nigeria was "stabbing OPEC in the back" by breaking its rules.

Sheikh Ahmed Zaki Yamani, the Saudi Arabian oil minister, said later the incident was sparked by a "misunderstanding" between UAE minister, Mana Said al-Oteiba, and the Nigerian minister, Tam David-West. The Nigerian refused to dis-

Later, the oil minister of Qatar, Last weekend, a corporate Abdul Aziz al-Thani, said when spokesman cited the "excellent reasked if the ministers were consid-

> "We're thinking about, as a concept, [to] lower it," he said. He declined to specify any figures under consideration.

The conference was recessed would not comment in an hotel. He later returned, but he did

Mr. Oteiba said that Mr. David-

West was undermining the pricing structure because his country was exceeding its production quota of 1.4 million barrels a day "He is stabbing OPEC in the

back and I was not going to stay (Continued on Page 2, Col. 1)





Mana Said al-Oteiba, the oil minister of the United Arab Emirates, top left, accused Nigeria, represented by Tam David-West, top right, of breaking price rules. Ahmed Zaki Yamani of Saudi Arabia, above, said that the dispute was caused by a misunderstanding.

## U.S. Diplomat, Seized 10 Months Ago In Beirut, Makes a Videotaped Plea

LONDON - William Buckley. a kidnapped U.S. diplomat, apscreened here Monday and asked the U.S. government to act for his release and that of other Americans held in Beirut. Mr. Buckley was political officer

of the U.S. Embassy in Beirut when he was kidnapped March 16. A vision (ilm agency, Visnews, which aired the tape here, said it was apparently the first public proof that Mr. Buckley was alive. U.S. officials in Washington confirmed that the man in the tape was Mr. Buckley and said they be-

lieved he and four other kidnapped Americans in Lebanon were alive. In the tape, which lasts 56 seconds, Mr. Buckley said, "Today, the 22d of January, 1985, I am well and my friends Benjamin Weir and Jeremy Levin are also well. We ask

that our government take action for five Christians to submit his resigour release quickly." The Reverend Benjamin E. Weir, 60, a Presbyterian minister, was kidnapped in May, and Jeremy Levin, 52, Beirut bureau chief of Monday on the economy, Mr. Hoss the Atlanta-based Cable News said he had agreed with Mr. Kar-

Network, was seized in March. Two other Americans who were economic and security problems. kidnapped in Beirut were the Reverend Lawrence Martin Jenco, 50 a Catholic priest who was abducted Jan. 8, and Peter Kilburn, 60, a librarian at the American University of Beirut who disappeared in

the White House spokesman, Mr. Speakes reacted cautiously to the television broadcast of the video-

"We are pleased that he is alive and appears to be well," he said. We are and have been and will continue to seek information from a number of sources in the Middle East on the five people held by terrorists there."

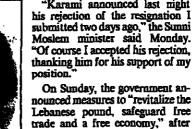
"We will actively seek the release of these individuals on the basis of quiet contacts," he added. Kevin Hamilton, the Visnews managing editor, said at a special

screening of the film in London that he could not disclose how the agency got the film or who supplied In the tape, the man identified as Mr. Buckley is holding a Beirut

French-language newspaper, and although the date is not legible in the film, the pictures on the front over recent developments that appage identify it as the paper for Jan. 22. There was nothing in the and economic repression in Nicaratape to indicate where it was made. Hoss to Stay in Cabinet

The Lebanese education and labor minister, Salim al-Hoss, said dead but they continue to push for Monday he would remain in the it - in various forms - because cabinet after coming under pres-sure from Prime Minister Rashid their policy and have no backup Karami and other ministers to do positions. so, United Press International re-

ported Monday from Beirut.



On Sunday, the government announced measures to "revitalize the Lebanese pound, safeguard free trade and a free economy," after the Lebanese pound slumped to a record low of 12.10 against the U.S. dollar Friday.

Beirut radio said the measures would be carried out Monday, but did not give any other details.

Israelis Bar Press Israeli troops sealed off southern

Lebanon on Monday to Beirutbased reporters after security sources in the region said that Israelis fired on a car carrying eight children, killing a three-year-old girl, Reuters reported from Sidon. The child was among at least

four persons killed and eight injured — including her father — throughout the south during the night and morning. Four attacks were reported on Israeli troops in which at least three were wounded. the sources said.

## U.K. Acts To Prop **Pound**

#### Interest Rates Raised to 14% Amid Oil Fears

LONDON - Renewed pressure pushed up British interest rates for the third time in as many weeks to their highest level for three years, and caused heavy selling on the stock market.

The pound has been undermined by a widespread market view that a nt of oil will force lower prices for Britain's North Sea crude. The pound had fallen to a record low in London on Monday when news of disagreement at the talks in Geneva inisters of the Organization of Petroleum Exporting Countries tipped the balance in favor of an-

other rate rise. Barclays Bank PLC, Britain's biggest commercial bank, was the percent from 12 percent in response to higher money-market rates. The move was swiftly en-dorsed by the Bank of England and matched by the three major rivals of Barclays — National Westmin-ster, Midland and Lloyds Bank.

The base rate is the rate on which the bank determines the interest charged to borrowers and paid to

On the London Stock Exchang shares suffered their biggest single drop since 1974 only a week after the market hit a record high. The fall was attributed to fears that the rates increase would further weaken economic recovery in Britain by raising the cost of loans for indus-

The Financial Times index of 30 industrial shares plunged 43 points as the value of shares lost almost £7 billion (\$7.77 billion). The index recovered to end at 977.9, down

In London, the pound was closed at \$1.111, up from Friday's close of \$1.1105. However, the dollar gained on other European markets, ending at 3.1638 Deutsche marks in Frankfurt, up from 3.1599 DM on Friday. In Paris, the U.S. Moslem minister said Monday. currency closed at 9.69 francs, up Of course I accepted his rejection. from 9.663 francs.

Analysts said that the increase in interest rates may rule out tax cuts in the British budget in March. The cuts are a cornerstone of Prime Minister Margaret Thatcher's economic policy.

The deputy leader of the opposition Labor Party and its economic spokesman, Roy Hattersley, declared that the Conservative government's financial strategy was in ruins. "Today's announcements are a tragedy for households, industry and the unemployed," Mr. Hatters-

Nigel Lawson, the chancellor of the exchequer, said the anxiety in financial markets over the pound was greatly overdone. He told a parliamentary committee that he saw no likelihood of the pound falling to parity with the dollar.

Sir Terence Beckett, directorneral of the Confederation of British Industry, the employers' association, said that Monday's rise in interest rates would cost industry an additional £540 million a

## Allies Urge Belgium To Deploy Missiles Soon demans "that the Belgians should

BRUSSELS - Britain, the meet their commitments." Netherlands and the North Atlantic Treats Court the North Atlantic Treats Court to Treats Cour tic Treaty Organization appealed say what starting date Belgium is Monday to Belgium to meet its commitment to the alliance by deploying nuclear cruise missiles on schedule in March.

Leo Tindemans, the Belgian for-ign minister, met separately with and Mr. Tindemans belong has eign minister, met separately with the British foreign secretary, Sir called for Belgian deployment to be Geoffrey Howe; Foreign Minister Hans van den Broek of the Nether-Geneva talks have started. lands; and the NATO secretarygeneral, Lord Carrington. They discussed a date for deployment of the missiles, which the main government coalition party is seeking kilometers) south of Brussels, to postpone.

Sir Geoffrey said that in the absence of a U.S.-Soviet arms control ists are finishing work on a site. agreement, Belgium should stick to week with the Italian foreign minis-NATO's deployment timetable, as ter, Giulio Andreotti, and is sched-Britain had done since 1983.

We look to Belgium, as one of talks with the West German for-the staunchest NATO allies over eign minister. Hans-Dietrich the years, once again to give full weight to the importance of her decision for the alliance of her An Italian spokesman quoted Mr. Andreotti as saying any delay trans-Atlantic relationship," would convey an image of weakness in NATO, and a senior West German official said Mr. Genscher Mr. Van den Broek, whose coun-

would make the same point. try has made its acceptance of cruise missiles dependent on further Soviet missile deployments, Belgians favor at least a temporary delay in deployment, and the issue said that any uncertainty could may be decisive in the general elechurt the U.S. position at the Gene-va arms talks with the Soviet tion in December. a new turn last week with govern-

Union. He acknowledged that the ment supporters accusing the op-Dutch, who have delayed their final decision on cruise missiles until November, were in an unusual position to advise the Belgians. timetable.

But he added: "I think that to give the impression that commitments may not be respected could be a borden on the negotiations in

A senior NATO official said government coalition who is now Lord Carrington had told Mr. Tin-

## 3 Shells Miss NATO Fleet in Lisbon Attack

Mr. Tindemans has declined to United Press International LISBON — Extremists appar ently armed with a 60mm mortar fired three shells at a NATO squadron anchored in the Tagus River March.
The Flemish Christian Social
Martens estuary early Monday, but the projectiles exploded harmlessly in the water, the authorities said.

It was the second such attack against a NATO target in Portugal delayed until sometime after the in seven weeks.

Under NATO plans, the first 16 An anonymous caller telephoned Portuguese news organizations claiming responsibility for the ac-tion on behalf of the April 25 Peoof Belgium's 48 cruise missiles are due to be installed by March 15 at the Florennes air base, 44 miles (71 ple's Forces, a far-left revolutionary group that earlier took where about 800 American specialresponsibility for similar strikes against the U.S. Embassy and NA-Mr. Tindemans met in Rome last TO's Iberian-Atlantic headquarters outside Lisbon. uled to go Bonn on Wednesday for

The port authorities said three "loud explosions in the river" rocked the port area at 3 A.M. but used no damage and were "considerably short" of the NATO frigates anchored in the estuary.

The frigates were part of a sixship NATO squadron that had been in port since Wednesday. The squadron set sail from Lisbon as scheduled six hours after the at-

The police said they suspected the attack was carried out with a 60mm mortar likely fired from a small park on a hill about 200 yards (183 meters) from the waterfront. The April 25 People's Forces fired four 60mm shells at the U.S. Embassy compound Nov. 25 and three shells at NATO's Suburban

The Socialists rejected the charge causing only minor damage to vehiand said the defense minister who cles and shattering windows. approved the timetable in 1981 was Fifty suspected members of the group are awaiting trial for a series Frank Swaelen, a member of the of bombings, bank robberies and

Comiberlant headquarters Dec. 9.

## INSIDE



Milan Kundera, the Czechoslovak writer, has had his sole stage work directed in the United States by Susan Sontag. A review is on Page 6.

■ Pope John Paul II, in Venezuela, urged Catholics to avoid teachings contrary to those of

New evidence is found that Homer's heroes may have been real historic figures. Page 3.

■ Vietnam, in need of development aid, is said to want an improvement in relations with the United States. Page 5. **BUSINESS/FINANCE** 

**TOMORROW** 

■ AT&T reported a 1984 profit

of \$1.38-billion, below its fore-

Two key Republicans, Robert J. Dole and Richard G. Lugar. have pointed the Senate down naths that could force change at the White House, Pentagon and State Department.

## U.S. Seeks New Nicaragua Approach In Washington, Larry Speakes, Aid to Rebels' Families Considered in Policy Deadlock

By Joanne Omang

William Buckley

nation since the coalition was

Speaking to reporters before an

extraordinary cabinet meeting

ami on "a common stand" to cure

formed April 30.

WASHINGTON — The Reagan administration and members of Congress in both parties are considering new approaches to break the apparent policy deadlock over Nicaragua, including "humanitar-ian aid" to families of anti-Sandin-aid to families of the fighters, and ist rebels and expanded economic sanctions.

Both sides agree that the Democrais appear to have blocked further covert military aid through the Central Intelligence Agency to the guerrillas lighting the leftist Sandinist government in Nicaragua. But the Democrats, no less than the Republicans, still want to main-

tain pressure for political change there and are casting about for acceptable alternatives. Many Democrats are uneasy pear to indicate growing political

gua. They want to help halt that trend. Administration officials fear that the program to the guerrillas is

"The U.S. will not break faith with those who seek freedom and Mr. Hoss's resignation on Satur- democracy in Central America or day was seen as a serious threat to elsewhere," the White House sion include a new argument, Lebanon's fragile coalition govern- spokesman, Larry Speakes, said ment. He was the first member of Monday, United Press Internation- that funding the rebels is self-dethe cabinet of five Moslems and al reported. "Assistance to those in fense under the charters of the

est proposal would replace the nominally covert program of aid to to Nicaraguan refugees living in Honduras, according to Republican Senate sources.

The assistance would total about \$14 million, the same as the administration allocated for the rebels, in the hope that it can win a congressional vote scheduled in March. This approach would bow to the

insistence by some key Republicans, including the chairman of the Senate Select Committee on Intelligence, David F. Durenberger, Republican of Minnesota, that any aid program to the guerrillas be

The law forbids efforts to overthrow governments with which the United States has diplomatic relations, and the rebels have made it clear that their objective is driving out the Sandmists.

Humanitarian funding for associates of the guerrillas was dis-cussed briefly during the long dispute last year in Congress over Costa Rica until con Central America policy and was dropped as too obvious a subter-

Other approaches under discuswhich Mr. Reagan used Thursday,

Nicaragua is essential in our opin- United Nations and the Organizaion. However, we are willing to work closely with members of Congress as we seek this assistance."] tion of American States. The charters provide for "individual and collective security." Conservatives The Reagan administration's lat- are known to be pressing Mr. Rea-

> the aid program to the guerrillas. Republicans also are considering some kind of expanded economic sanctions, possibly including pres-sure on U.S. allies to halt all trade with Nicaragua.

A leader of Nicaragua's domestic opposition, Arturo José Cruz, recently voiced opposition to such sanctions as too damaging to Nicaraguan civilians. Mr. Cruz is a former central bank president and ambassador to Washington.

Several Democrats pointed out that previous U.S. efforts to organize international boycotts against Cuba and the Soviet Union had limited success.

In developments that impressed many members of Congress as signaling serious erosion of rights in Nicaragua, Mr. Cruz came out in favor of more funds for the armed rebels, who are known as contras, and the opposition publisher Pedro Joaquin Chamorro announced he was going into self-imposed exile in Costa Rica until conditions im-

As further evidence, several Democrats cited recent published reports of forced widespread recruitment into the army and black marketeering in Nicaragua.

"There is something to be said (Continued on Page 2, Col. 7)

The Associated Press MERIDA, Venezuela - Pope John Paul II brought his South American pilgrimage to the foot-Monday, urging tens of thousands

tear of ideologies contrary to sues and told Roman Catholic burch teaching.

Sues and told Roman Catholic bishops to discipline theologians who deviate from church doctrine. cheers on a clear, crisp morning, and emphasized the theme of his olic Church and religious discipline. He flew to this university center from Venezuela's oil capital of Maracaibo on the third day of his sixth Latin American tour.

To be faithful to the church," John Paul said, "means to not let tion or euthanasia." terialistic inspiration or of doubtful religious content would like."

green while thousands chanted. Long live the pope!"

security forces have arrested 32 gies in search of an illusory earthly leftists and seized weapons in liberation." leftists and seized weapons in Maracaibo, United Press Interna-

nonal reported. chists" were arrested at a nursing on Feb. 6. school building in a security check before the pope arrived in the city on Sunday. The governor said that 32 people were arrested and that the confiscated material included "small arms, some of military quality, and subversive literature."

The nursing school belongs to the University of Zulia and is situated near the grounds where John Paul said Mass on Sunday. The authorities would not comment on whether the arms were intended for use during the pope's visit or were being stored for other purposes.]

da, 442 miles (716 kilometers) from Caracas and the home of the Unibeen invited. versity of The Andes, as one of the most religious areas in Venezuela.

John Paul planned to attend a youth gathering on Monday night in Caracas and to meet with mempolice station and other targets late Archbishops Arturo Rivera y Danext week, United Press Interna-mas of San Salvador and Miguel tional reported from Ayacucho. El Salvador and Nicaragua.

turned out for papal Masses on Sunday in Caracas and Maracaibo. Since arriving in Venezuela on hills of the Andes Mountains on Saturday to start a 12-day, fournation tour, the pontiff has restated of people during a Mass to steer traditional teaching on family is-clear of ideologies contrary to sues and told Roman Catholic

In a Mass on the theme of the family, celebrated near a poor Catour - fidelity to the Roman Cath- racas neighborhood, the pope condemned contraception, abortion, euthanasia and divorce.

He said that the "plague of di-vorce" ruins families and told the throng: "Remember, it is never legal to end a human life with abor-

yourself be taken in by doctrines or ideologies contrary to Catholic dogma, which some groups of ma-

The pope, in a speech to bishops Before celebrating Mass, the pope greeted the faithful, many of whom had camped out since Sunday night. He helped plant an ever-day night. He helped plant an everto help the poor. He warned against those who "disfigure the evangeli-[Meanwhile, Governor Angel cal message, using it as the service Zambrano of Zulia state said that of ideologies and political strate-

John Paul also will travel to Ecuador, Peru and Trinidad and To-[Mr. Zambrano said that "anar- bago before flying back to Rome

■ Pope May Visit Cuba

John Paul could visit Cuba on a future tour, but the Vatican is not aware of any invitation from President Fidel Castro, a Vatican official said Monday in Maracaibo. Reuters reported.

The official was commenting on reports that Mr. Castro had told a group of U.S. bishops visiting Ha-vana last week that he would be willing to invite the pope to Cuba. While visiting the Dominican Republic in October, John Paul Vatican officials describe Meriin Cuba and later said that he had not gone there because he had not

■ Bombings in Peru

Leftist Peruvian guerrillas dynabers of the Latin American Ecclesi-Sunday in the southern city of Ayaastic Conference, which includes cucho, where the pope plans to visit

Obando y Bravo of Managua. The police said at least three perpontiff, who welcomed them during a Mass on Sunday night, has 100 suspects were arrested as a reoffered to mediate the conflicts in sult of the attacks by the guerrilla group Shining Path.

## OPEC, in Tense Meeting, **Discusses Cutting Prices**

(Continued from Page 1)

with him in the conference," Mr. Oteiba said Many OPEC members, includ-

ing Nigeria, are feeling a severe economic pinch from declining oil revenues, partly because of stiffer ers. They also have been hurt by a substantial drop in world oil consumption in recent years.

Nigeria bolted from the OPEC pricing system last October, cutting its price by \$2 a barrel in response to similar cuts by Britain and Norway. The decision shook OPEC's pricing system and reinforced a perception among oil buyers that the cartel cannot stop prices from

The price of Saudi light crude has traded recently on the open market for about \$27.50 a barrel, or \$1.50 below the official Saudi price.

Conference sources said Sunday that a consensus had emerged within OPEC that the Saudi light price must be reduced. Some reportedly favored a reduction to \$26.50. Opposition led by Iran and Alge-

ria made it uncertain, however, whether any pricing agreement could be reached at this meeting. Shortly before the meeting started. Sheikh Yamani said that he expected a small price reduction to

be agreed on at this meeting. He also said OPEC production had dropped to 14 million barrels a day, two million below its self-im-

posed ceiling. Later, the Iranian oil minister, Mohammad Qarazi, said his country "will never agree" to a price cut. Algeria and Libya also have said they oppose price reductions.

Reporter Is Barred Youssef Ibrahim, the chief oil



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reporter of The Wall Street Journal, was denied access to the meeting's opening session in a dispute over an article he wrote on alleged extravagance by ministers, Reuters

The article said there was compe-

By Steven R. Weisman

New York Times Service NEW DELHI — Leaders of six

nonaligned and pro-Western nations joined here Monday in urging a ban on nuclear weapons in outer space as part of an overall end to the arms race.

At an unusual one-day summit

conference, the leaders of India,

Mexico, Argentina, Tanzania, Sweden and Greece also said they

would personally urge restraint on

nuclear weapons in their meetings in the next several months with

Prime Minister Rajiv Gandhi

UNIVERSITY

presided at the meeting of the so-

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PACIFIC WESTERN UNIVERSITY

United States.

reported from Geneva.



Pope John Paul II gets a hug from a Venezuelan child in Maracaibo.

## U.S. and EC Split on Danger to Ozone

By Iain Guest

onal Herald Tribune GENEVA - A United Nations meeting has ended here with the United States and the European Community deeply divided over the extent of the threat to the ozone layer in the atmosphere and specifproposals to protect it.

The meeting, which ended Fri-day, was held under the auspices of the UN Environment Program. It was the last of a series on the ozone layer, which extends for approximately 50 kilometers (31 miles) above the earth's surface and filters out ultraviolet rays of the sun. These rays are known to cause skin

cancer and damage crops.

The disagreement stemmed from United States that the ozone layer could be critically depleted within 50 years if measures were not taken to curb emissions of chlorofluorocarbons, which are chlorine-carrying gases that rise into the atmo-

ators, plastic foam and industrial solvents. Last week, six nations pellants in aerosols within four

competition from Britain, Norway and other non-OPEC oil production best hotel suites in Geneva.

Leaders of six nations met Monday in New Delhi and

urged a ban on nuclear weapons in space. From left are Ramaswami Venkataraman, India's vice president; Presi-dent Raúl Alfonsin of Argentina; Prime Minister Olof

vember.

leaders of the Soviet Union and the positive response from at least one

called five continent peace initia-

sure in the realm of international politics since he took office in No-

tive. His role marked his first expo-

On Monday, however, Mr. Gan-

n, indirectly criticizing the Unit-

Referring to the last arms initia-

tive by the six nations, which was a call for a "freeze" on the produc-

tion of nuclear weapons, Mr. Gan-

dhi said this measure "got a very

He was referring to the Soviet

Union, which has endorsed such a "freeze." The United States main-

tains that there should not be a

freeze until the U.S. weapons

dhi spoke bluntiy on the need to curtail the nuclear arms competi-

ed States on the issue.

clear power.'

buildup is completed.

reach final agreement on an international convention to protect the complacency and catastrophe is ozone layer at a diplomatic confertion small for comfort he added. ence in Vienna, due to start March

catastrophe." Writing in the magadepletion of ozone could accelerate trigger a "chlorine catastrophe." quickly once the amount of chlo-

ed at around 16 parts per billion. Other research has suggested that the composition of the ozone column may be already changing under the impact of chlorine and recent warnings by scientists in the that this could lead to changes in

These warnings were endorsed

chlorine catastrophe was possible, Canada, the United States, Nor- there was disagreement over when \$165 million in 1983. way, Switzerland, Finland and it could occur. Richard E. Bene-Sweden — formally proposed a dick, an environmental official in ments have proposed a worldwide worldwide ban on their use as pro- the State Department, said that it ban on the use of nonessential would only require a 3-percent in-chlorofluorocarbons in aerosols crease in chlorofluorocarbons a within four years. This has been This proposal was rejected by the year and that it was "not unreason-rejected by the European Commu-10-member European Community able" to expect such an increase mity, which instead favors freezing

"The margin of error between

This was dismissed by a European delegate in private as "scare-Concern over the ozone layer revived recently after a group of scientists from Harvard warned of the mission in Brussels, said at the risk of what they called a "chlorine meeting that emissions of chlorofluorocarbons were still more than zine Nature, the scientists said the five times lower than required to

Delegates agreed that present rine in the atmosphere passed a data was not conclusive. On Oct. threshold ratio, which they estimat- 19, a scientific group established by the UN Environment Program found that the production of chlorofluorocarbons in industrialized countries fell by 14 percent between 1974 and 1982, but that it rose by roughly 8 percent, from 599,000 tons to 644,000 tons, between 1982 and 1983.

by U.S. delegates at the meeting.

Much of the reduction in chlorofluorocarbons was due to a 1979 Much of the reduction in chlororeached, it will be like going over a ban on their use in aerosol sprays in cliff very rapidly," said Stephen the United States and their substisphere and attack ozone.

Chlorofluorocarbons are widely used in aerosol spray cans, refrigerators, plastic from and industrial While no one disputed that a the United States by half and resuited in savings to consumers of

Based on this, the six governthe capacity to produce all chlorofluorocarbons at the present level.

## WORLD BRIEFS

South Africa

Says It Hired

**U.S. Citizens** 

For N-Plant

tion near here.

By Alan Cowell

New York Times Service

its American employees recently and had circulated a U.S. request

that they contact the Department of Energy in Washington so that their lawful status could be ascer-

Under regulations published in February 1983, U.S. citizens need

official authorization before pro-

viding expertise to some countries

including South Africa, that could

assist in the production of plutoni-

Town. South Africa's only nuclear

Mr. van Heerden said the Ameri-

cans at Koeberg were in two cate-

gories: those working directly for

the Electricity Supply Commission

and those working for American contractors hired by t. He estimat-

ed the number of those employed

directly at around 20, but did not

say how many were employed by

Officials said the presence of au-

thorized U.S. contractors at Koe-

berg had been known for some

time, but the presence of directly

recruited individuals had only be-

den said, but others included oper-

ators in charge of reactor systems

in the running of the reactor.

of either seeking or already pos-

sessing nuclear weapons, has re-

liferation Treaty. But Mr. van

Heerden said South Africa has

agreed to inspection of the Koe-

berg plant by officials from France

and the International Atomic Ener-

The United States has suspended

shipments of enriched uranium to South Africa because of its refusal

to sign the nonproliferation treaty.

Janan and France, Mr. van Heer-

den indicated, have not applied the

gy Agency.

same restrictions.

contractors.

#### 6 Rebels Arrested in New Caledonia

wee shuttle

tha Boost

Missions of

date Ergert

NOUMEA. New Caledonia (AP) — Six members of the pro-independence Kanak Socialist National Liberation Front were arrested Monday in connection with the sabotage last week of New Caledonia's largest nickel mine, the prosecutor, Jacques Gauthier, said.

Fourteen other members of the group appeared in court in connection with the wounding of six European settlers Friday on the island of Mare, judiciary sources said. A trial date was set for Feb. 8.

Twenty-one trucks and bulldozers and other equipment were damaged CAPE TOWN - South Africa's state-owned power company ac-in the early morning hours Wednesday at the Kouaoua nickel mine near knowledged Monday that it had the center of the main island of New Caledonia. The authorities were recruited U.S. personnel, including continuing their investigation into a similar sabotage of the mine at Thio, atomic reactor operators, to help on the east coast, several days earlier. The separatist group formally run the Koeberg nuclear power sta-However, at a news conference, a

#### spokesman for South Africa's Elec-Iran, Iraq Claim Victory in Battle tricity Supply Commission, Andre

van Heerden, denied suggestions that American personnel were working in contravention of U.S. Other officials said the full ex-

BEIRUT (UPI) — Iran said Monday that it had "completely crushed" an Iraqi offensive in the southern part of their disputed border. It said there had been heavy fighting in the marshy Majnoon Islands area and that Iraqi forces had been unable to advance.

Earlier, a statement from Iraq said four Iraqi divisions had launched a successful offensive in the region late Sunday. The statement, quoted by the Iraqi News Agency, said Iraqi forces "captured three targets set by the operation and are now consolidating their new positions." It said the Iranian casualty toll was heavy. tent and legality of private American involvement at the French-supplied reactor had yet to be The officials said the Electricity Iranian casualty toll was heavy. Supply Commission had met with

The attacks came one day after Iran reportedly shelled an elementary school in the southern Iraqi border hamlet of Al Zaher, wounding nine

pupils and a school employee.

The ground fighting coincided with new attacks on Gulf shipping. The Sefires, a 47,869-ton tanker registered in Greece, was hit Sunday by a missile apparently fired from Iranian warships near the Saudi Arabian oil terminal of Ras Tannura, causing damage but no casualties, Lloyds of London said. The attack came hours after Iraq said its warplanes hit two naval targets south of the Iranian oil terminal at Kharg Island.

Austrian Rightist Threatens to Resign
VIENNA (Reuters) — Vice Chancellor Norbert Steger, leader of the rightist Freedom Party, threatened Monday to resign from the the Socialist-led coalition and bring down the government if Defense Ministration Friedbale Plutonium can be used to build nuclear weapons and is one of the ter Friedhelm Frischenschlager, focus of a dispute about a war criminal sent back to Austria, was dismissed.

At the request of Chancellor Fred Sinowatz, Mr. Frischenschlager cut by-products of reactors such as the two installed at Koeberg. 20 miles (32 kilometers) north of Cape

short a visit to Egypt and was flying back to Austria on Monday night for the regular Tuesday cabinet meeting. He faces criticism at the meeting and a no-confidence vote at a special parliamentary session Friday.

Chancellor Sinowatz apologized Sunday to Jewish leaders after Mr. Frischenschlager personally met Walter Reder, a convicted war criminal, after he was released after three decades of imprisonment in Italy last

### Egypt, Israel Hold Talks on Taba Issue

Egypt and Israel, in a second day of talks Monday on the disputed resort town of Taba on the Guli of Agaba, discussed a future role for a multinational force to police it. Afterward, both sides expressed satiscome known to the U.S. authorities

There is substance in the talks," "The majority of Americans are here as consultants." Mr. van Heerthe Egyptian delegation. His Israeli counterpart, Zvi Kedar, said: "I believe we have gone a long way and "people who helped us with together. We are negotiating in emergency planning." Mr. van good spirits and good will. We are Heerden said foreigners were exchanging formulas."

pected to help train South Africans Taba is one of 15 Sinai boundary points still in dispute between Isra South Africa, widely suspected



## fused to sign the Nuclear Nonpro- U.K. Official Tried for Falklands Leak

LONDON (UPI) - A senior Defense Ministry official went on trial Monday accused of leaking secrets on the sinking of the Argentine

cruiser, General Belgrano, to an opposition Labor politician.

Clive Ponting, an official at the ministry, pleaded not guilty to the charge under a section of the 1911 Official Secrets Act that forbids giving confidential government information to "unauthorized" persons. Mr. Ponting admitted through his lawyer that he had passed on two documents to a Labor member of parliament, Tam Dalyell. But Mr. Ponting's defense is that Mr. Dalyell, as a legislator, was authorized to receive government information.

One of the documents was a report dealing with changes in the rules of engagement for the South Atlantic Task Force during the Falkland Islands war in 1982. The other was an internal memorandum recommending how information about the decision to sink the cruiser on May 2, 1982, should be kept from the House of Commons select committee on foreign affairs, which was investigating the incident.

## **EC Plans Aid** To Get Greek Cooperation

BRUSSELS — Jacques Delors, the new president of the European Commission, proposed a package of grants and loans to Greece on Monday in an effort to remove the threat of a Greek veto on the entry of Spain and Portugal to the Euro-

his proposal to the foreign ministers of the 10 community members at their meeting in Brussels. Besides the problems in negotiations on the entry of the Iberian countries, scheduled for Jan. 1, 1986, they are expected to discuss the community's cash crisis.
The diplomats said Mr. Delors

would soon present a plan with figures for the proposed aid to Greece, which had sought it as part of a plan to help the community's poorer Mediterranean regions.

The diplomats said the package

would include grants from the community's regional and social aid funds, and low-interest loans India, 5 Other Nations Urge Ban on Nuclear Arms from the European Investment Bank and other EC credit institu-The conference Monday was the outgrowth of work done by Parliamentarians for World Order, an tended the conference as the U.S.

The previous commission under Gaston Thorn had proposed a \$4.5-billion Mediterranean aid scheme that was rejected by most community governments as unreal-

community's summit in Dublin in December to block the entry of Spain and Portugal if special aid was not agreed for his country's poorer regions.

The Global Newspaper.

## Rabin Is Confident on U.S. Arms Aid

WASHINGTON (UPI) - Defense Minister Yitzhak Rabin of Israel, speaking Monday after meeting with Defense Secretary Caspar W. Weinberger of the United States, said he had no doubt that Washington would increase military aid to Israel next year beyond this year's \$1.4

"How much, the president of the United States will decide," Mr. Rabin said. He was to meet Wednesday with President Ronald Reagan.

Israel has requested \$2.2 billion in military assistance for fiscal 1986, but U.S. officials and diplomatic sources said the administration has decided to give \$1.8 billion, in grants that do not have to be repaid.

## pean Community. Diplomats said Mr. Delors made Church Says 63 Killed in El Salvador

SAN SALVADOR (UPI) - Sixty-three people were killed in political violence in El Salvador last week, according to Bishop Gregorio Rosa Chavez, the second-ranking Roman Catholic churchman in El Salvador. The church's Legal Rights Office reported that three persons were 'captured" and that seven more "disappeared" last week, the bishop said. Among the 63 killed were a rightist candidate in the March 31 elections for the Legislative Assembly and a government official from the Christian Democratic Party, Bishop Rosa Châvez said in a sermon at San Salvador's Metropolitan Cathedral. He said the killings provoked fears "that in the coming days a string of political crimes will be unleashed, filling the electoral campaign with blood, irrationality and frustration."

#### For the Record

The 46th game of the world chess championship match between the titleholder, Anatoli Karpov, and Gary Kasparov ended Monday in a

draw on the 42d move.

CReuters)

Ecuador has proposed a camiidate, Alfonso Barrera Valverde, 50, to succeed the UNESCO director-general, Amadou Mahtar M'Bow, when his term expires at the end of 1987, sources said Monday. He is a former foreign minister and editor of the newspaper, Meridiano.

President Ronald Reagan will meet with President Raúl Alfonsin of Argentina during a state visit to Washington by Mr. Alfonsin on March 19, a White House spokesman announced Monday.

(AP)

## Prime Minister Andreas Papandreou of Greece threatened at the U.S. Weighs Aid Approaches

(Continued from Page 1) for keeping the Sandinists under pressure or in doubt as to our intention," said Representative David R. Obey, Democrat of Wisconsin, who is expected to be named chairman of the Appropriations sub-committee on foreign operations this week. But he said that U.S. involvement with the guerrillas tends to make the United States "the point at issue, rather than the shortcomings of the Sandinists.

retain a firm House majority

Representative Michael D.

against the rebel operation.

mann acknowledged that some The Democrats acknowledge that they have come up with few alternatives but contend that they

ргоегат."

Democrats perceive a worsening situation in his country. "That per-ception is not correct," he said. He noted that President Daniel

chairman of the Foreign Affairs

subcommittee on the Western

Hemisphere, said, "I continue to

promise that could achieve the ends

the administration wants to

achieve, while getting us out of this

Ambassador Carlos Tunner-

struggle with trying to find a com-

Ortega Saavedra has promised a broad amnesty program, continued mixed economy and political plu-ralism, and said that reports of draft resistance and speculation re-Barnes, Democrat of Maryland, flected isolated cases.

Palme of Sweden; President Zail Singh of India; President

Julius K. Nyerere of Tanzania; President Miguel de la

Madrid of Mexico; Prime Minister Andreas Papandreou

of Greece, and Prime Minister Rajiv Gandhi of India.

mentarians for World Order, an tended the conference as the U.S. organization of legislators that has participant in the Parliamentarians been active in the peace movement for World Order. Of the initiative,

is a member of the North Atlantic men took up positions on nearby

group of men and machines in cit-reduce world tensions."

various countries.

The statement by the conference

participants asserted that "a small

ies far away" are the ones who

Participating in the session were

Mr. Gandhi, President Raul Alfon-

sin of Argentina, President Mignel de la Madrid of Mexico, President

Julius K. Nyerere of Tanzania,

Prime Minister Olof Palme of Swe-

den and Prime Minister Andreas

Mr. Papandreou, whose country

As chairman of the nonaligned Treaty Organization, reiterated rooftops. Streets around the meet-movement, as well as leader of a what he said was his "determina-ing hall were sealed off.

assistance, Mr. Gandhi nonetheless weapons on board ships stopping ed recently that Mr. Gandhi and appeared to take care to avoid hav-

ing the peace initiative be seen as anti-American step. "I shall act unilaterally."

The peace initiative be seen as anti-American step. "I shall act unilaterally."

The peace initiative be seen as a constant of the peace initiative be seen as anti-American step. "I shall act unilaterally."

The peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative be seen as a constant of the peace initiative because the peace initiative be

Papandreou of Greece.

country that receives heavy Soviet tion" to eliminate U.S. nuclear

he said there was "no doubt in my mind that this will help marshal

public opinion in the United States

behind the need for arms talks to

Security for the conference was described by officials as being as

beavy as for the much larger meet-

ings in 1983 of the Commonwealth

heads of government and leaders of the nonaligned movement, Reuters reported from New Delhi.

Commandos, armed with auto-

matic weapons, guarded the hall

where the six leaders met Marks-

Indian newspapers have reported recently that Mr. Gandhi and

from the Punjab region,

■ Security Is Strict

Dejouners d'aff Fermule Geurm

ROTISSERIE FOI VOI MED INTER CONTINE The de Carrellande - Plane

# Space Shuttle's Success W Caled With a Booster Keeps 3 Missions on Schedule

Area in cours in the

- Judin J.

are respectively to the second - Except for minor damage to jeopardy. heat-protection tiles, the shuttle organization and a substitution of the substit Discovery returned in excellent noon with a perfect landing near shape from its first military space the launchpad where the flight be-SEPRICIAL BOOK & trip, the National Aeronautics and Space Administration said Mon-

Crewmen on the secret mission successfully deployed a giant spy satellite with a booster that once had performed incorrectly.

v in Battle conplete re Because of the success of the rocket stage, three more shuttle much of Europe, Asia and Africa. flights using the same booster can proceed as scheduled this year, space officials said. Had the rocket and the state of t failed, as it did on its only other

#### **Update Urged** For Canada's coach, on Oud says coach, A25 in Say Air Defense

By Christopher S. Wren New York Times Service

OTTAWA - A Canadian Senate committee has urged an overhaul of the country's air-defense system, but the defense minister has suggested that Canada cannot afford all the panel's recommenda-

de tions. The Senate Committee on National Defense, in a report made public recently, described Canada's air-defense system as obsolete and vulnerable.

"At present, hostile bombers could fly undetected into the heart of North America and attack U.S. deterrent forces without warning." the report said, because of huge gaps in the early warning radar system manned by the United

States and Canada.

The committee recommended that an Airborne Warning and Control System, called AWACS. be used to help plug the gaps until Canada could deploy its own surveillance and communications sat-

> force to buy 20 more F-18 Hornet fighter planes from the United

States before its option expires in A total overhaul of the air defense system, including the pur-chase of AWACS and F-18s, would

cost about \$2.4 billion, the report It further estimated that a major military space program would cost mintary space program would Canada about \$113 million annual

ly for the next five years and up to \$265 million a year through the 1990's. Falklands! "I would say we can't afford some of the things they're talking about right now," said Defense Minister Robert C. Coates, "but we

may be able to afford other things." Mr. Coates called research and development in space-age technol-ogy "very exotic" and said, "I don't

know whether we're in that The Senate proposal goes well beyond a plan that Canadian and American officials are working on to spend \$1.2 billion to modernize the existing radar network in the

Arctic. The Distant Early Warning, or DEW line as it is called, was built in the 1950s to guard against Soviet bombers. It stretches across Alaska, northern Canada and Greenland. The DEW line was neglected af-

ter the Soviet Union started emphasizing land-based intercontinental ballistic missiles over aircraft. But the report made public last week took note of a new threat from Soviet Backfire supersonic bombers and air-launched cruise

Canada has traditionally as-sumed 10 percent of the North American air defense costs under its treaty with the United States, which is roughly in proportion with
which is roughly in proportion with
the size of its population and economy compared with those of the
United States. There have been repaign Monday to convince Ameriports from Washington that the cans that child safety seats in cars two countries will split the cost of would reduce the number of deaths modernizing the DEW line radar and injuries suffered by children.

> Warning System to replace the Safety Board, said at a one-day DEW line could be signed when symposium that about 600 infants President Ronald Reagan comes to and children under the age of 5 Quebec City on March 17 for consultations with Prime Minister Briefler Special Specia an Mulroney. Joint defense is one suffer injuries because they are not of the issues expected to be dis-buckled into a safety seat or the cussed by the two leaders.

shuttle assignment two years ago, CAPE CANAVERAL, Florida those shots would have been in

> ssion ended Sunday aftergan Thursday.

> Left behind in orbit, 22,300 miles (36,150 kilometers) above the equator, was a \$300-million satellite that sources say is capable of moni-toring Soviet missile tests and dropping on selected military and diplomatic communications in

NASA reported that only about a dozen tiles were damaged on Discovery, less than on most shuttle

There were no significant orbiter systems problems during the flight," a space agency statement The five astronauts, all military

officers, flew back to their training base in Houston on Sunday night for debriefing sessions. In keeping with the secrecy imposed by the air force on much of the mission, they did not make the usual public departure statements.

But as they arrived in Houston, reporters overheard one of the crew, Major Gary E. Payton of the air force, ask some mission control officials, "Why did you bring us home so early?"

Replied one of the officials, "We were really worried."

The commander, Captain Thomas K. Mattingly of the navy, was overheard to say: "It was a long two years, but it was worth it. It all went super." The two years appar-Sources reported that the ship

returned early because the weather conditions Monday at Cape Canaveral. The weather Sunday was Captain Mattingly is retiring af-ter three space missions. He is leav-

ing NASA to become space program director with the Naval Electronic Systems Command.

The other crew members were Lieutenant Colonel Loren J. Shriver of the air force, Lieutenant Col-onel James F. Buchli and Major Ellison S. Onizuka of the air force.

Discovery was towed into a processing hangar to be prepared for for its next mission in March Then, one satellite is to be deployed and a second recovered.

Because of Discovery's success on the just-completed flight, strategy, It appears to be open and NASA can proceed with launching Challenger on Feb. 20 with a pair of communications satellites and a crew of seven that includes a Meese Violated

One of Challenger's satellites is a Report Asserts

ASA tracking and data relay sat-NASA tracking and data relay satellite to be boosted to high orbit by the same type of rocket stage that sent Discovery's spy satellite to its lofty outpost.

The rocket is called an inertial upper stage. It failed its only previ-ous shuttle assignment, in April 1983, propelling a communications payload into an incorrect orbit. The trouble was traced to second has scheduled a hearing Tuesday stage motor overheating that collapsed a flexible scal in the steering torney general.

Major modifications were made and extensive testing was done be-fore officials felt confident in flying the rocket on the military mission.

next military mission, scheduled in September. Full-scale briefings with flight directors, the astronaut crew and payload experts are scheduled this week for Challenger's February flight. That was not done before the Discovery launch.

#### U.S. Begins Campaign For Use of Safety Seats

etwork. Patricia Goldman, vice chairman
The agreement for a new North of the National Transportation devices are used improperly.

## Ancient 'Wilusa' Text Gives New Support to Historicity of Homer's Iliad

By Colin Campbell New York Times Service

CAMBRIDGE, Massachusetts Three months ago Professor Calvert Watkins, a linguist at Harvard, was examining some dry documents in an extinct language of ancient Anatolia when ne came upon a string of words that filled him with excitement.

Translated, the words said, "When they came from steep Wilusa." The text broke off at that point. But for many reasons, Mr. Watkins believed that

he had found the opening line of a song or epic about Troy, the "steep Ilios" of Homer's "Iliad," that was written down in the Trojans' own language more than 500 years before Homer, who lived in the 8th century B.C. Mr. Watkins's "Wilusiad," as he calls

it, has been greeted by other linguists, classicists and archaeologists as brilliant detective work. It has added another tantalizing scrap of evidence to a body of research that has made the Trojan War and the world of Homer's heroes seem more plausible than they did as recently as a decade ago.

It has also strengthened the professor's recent argument that the Trojans' native

language of Anatolia, now Turkey. Did King Priam of Troy really exist? He may well have, linguists are saying, if the Luvian name Pariya-muwas was trans-

formed into Priamos by the Greeks. And what of Paris, Priam's son, who Homer says set off the Trojan War by kidnapping Helen, wife of King Menela-us of Sparta? The name Paris, too, is from Luvian, Mr. Watkins says.

The Trojan War as portrayed by Homer left the deepest imprint on the Western imagination. It became the prototype of all struggles between East and West, and it profoundly affected subsequent ideas about poetry, tragedy and fate. Yet more than a century after the German archaeologist Heinrich Schliemann discovered Troy's high-walled ruins in northwestern Turkey, no one knows whether the war ever occurred.

For the past two decades, archaeologists working on the Aegean coast of Turkey have discovered evidence at Miletus, lasos and elsewhere that Mycenaean Greeks occupied the area as early as the 15th century B.C., two to three centuries before the dates that Greek historians assigned to the Trojan War.

Many more sites are producing new evidence," said Professor Machteld J.

Mellink of Bryn Mawr College in Penn-sylvania, a past president of the Archeo-logical Institute of America. "They come

out practically every year."
It seems more likely than it used to, scholars are now arguing, that the ancient Greeks were at least in a position to make war against Troy.

In 1981 new linguistic evidence began to indicate that the kingdom of Mycenae-an Greece was probably the same king-dom of seafaring, chariot-driving war-riors who were mentioned in ancient royal documents of the Hittites, who were then the dominant force in Asia Minor and whose language was related to

The theory that the Abbiyans (or Abhiyawans) referred to by the Hittites might in fact have been the Achaeans of Homer's Greece dates to the 1920s, not long after clay tablets bearing Hittite inscriptions in cuneiform began being unearthed and deciphered at Bogazkoy, Turkey, the Hittite capital.

The equation of Ahhiyans and Achaeans, however, was also hotly con-

But since 1981, Professor Hans G. Guterbock of the Oriental Institute of the University of Chicago has reasoned in a

series of papers that the Ahhivans were. after all, the Achaeans. His findings are based on newly assembled clay fragments, enlarged photographs, new linguistic interpretations and new datings.

The Ahhiyans are described in Hittite documents dating to the 15th century B.C. as having a "great king" across the sea, a man with the stature of Homer's Agamemnon, and as controlling the Analian city of Milawata, which Mr. Guterbock and others equate with the Greek

The Ahhiyans also engaged in one-on-one combat with Anatolian leaders, sent out squadrons of chariots, negotiated truces with the Hittite king and behaved much like the Greeks in Homer.

Last October, shortly after Mr. Watkins discovered his "Wilusiad," Mr. Guterbock elaborated other possible linguistic parallels at a symposium on the Trojan War held at Bryn Mawr, near

Given the likely identity of Ahhiyans and Achaeans, Mr. Guterbock said, it now seemed more plausible that the place called Wilusa in Hittite texts was the Ilios

In an interview, Mr. Guterbock called

Mr. Watkins's discovery of a Luvian song about Wilusa "brilliant."

Most of the Luvian literature that has been found is embedded in Hittite texts. Mr. Watkins said. These texts sometimes instruct Hittite priests to sing "in Lu-

vian," and then a Luvian passage follows. A number of these passages had the rhythms, word placement and other unmistakable qualities of epic verse, Mr. Watkins told the Bryn Mawr conference. He had no doubt that the line "When they came from steep Wilusa," which other linguists had noted without excitement, was in fact poetry.

Mr. Watkins has since discovered another apparent reference to Wilusa: four badly broken lines of Luvian verse that begin, "When the man came from steep

Troy's steepness made a strong impres-sion on the ancient world. In Luvian, the epithet appears as alati. Homer's Greek word for steep, aipene, was applied by the poet to Troy and to a mountain near Troy, but to nothing else, Mr. Watkins

He and a colleague, Professor Emily T. Vermeule, a Harvard classicist, conceded that his "Wilusiad" did not mention a

## O'Neill Makes Peace With Reagan, but Olive Branch May Have Thorns

By Margaret Shapiro

Washington Past Service WASHINGTON — Before the November election, the House speaker, Thomas P. O'Neill Jr., a Democrat, raged nearly every day against President Ronald Reagan, calling him unfit, a "cheerleader of selfishness" and a man with a "sin-

ister" message. Today, a much quieter Mr. ently referred to his training peri- O'Neill praises the president's arms-control efforts, pledges to work "constructively" with the adnever seen a man more popular policy. than you are with the American

> White House and by congressional Republicans. But there is ample reason to believe that the strongly partisan Massachusetts representative may be biding his time to light another day.

"He generally knows when to be the lion and when to be the fox," said an O'Neill spokesman, Christopher J. Matthews. "Right now,

The House minority leader, Trent Lott, Republican of Missis-sippi, said, "It's a good political

willing to cooperate. One thing Tip O'Neill is not, is dumb." Mr. O'Neill's new tone is based

in part on politics and the desire to have the Republicans take the blame for the unpopular measures being considered, including cutting student aid and veterans benefits and possibly freezing increases in the Social Security system of retirement benefits and disability payments.

But associates said it also reflectwork "constructively" with the administration and tells the president, gan's electoral landslide and an unforecast called for deteriorating "In my 50 years of public life, I've certainty about Democratic Party

> "I think he feels, the president people."
>
> won 49 states and we have no right
> to say he's wrong," a party official
> said. "On the other hand, it's not just that he's won, but the belief that if he's allowed to go ahead, he will overinterpret his mandate."

Thus, Mr. O'Neill would rather have the public focus on Mr. Reagan's proposals, at least initially, rather than on Democratic attacks against them.

"He feels strongly that there's Democrats. That's what happened now.



Speaker Thomas P. O'Neill Jr. with President Reagan.

going to be communication in the in 1984, and that's why we didn't For example, Mr. Matthews said next three or four months between get our message across."
that Mr. O'Neill, who last year met Reagan and the people, and the Mr. O'Neill adopted a similarly the press every day the House was Democrats can't interfere with conciliatory tone after Mr. Reagan in session, may wait until after Mr. that," a Democratic official said. was first elected in 1980, when Re-Reagan's Feb. 6 State of the Union "It makes the water muddy to have publicans and conservatives held address to resume the meetings. a fight between Reagan and the more House seats than they do

gan's program priority. Much of Mr. Reagan's budget and tax pro-gram became law, and Mr. O'Neill and other moderate and liberal Democrats then used the "fairness" issue to go after the president and the Republicans.

nearly all their House losses in the 1982 elections, the strategy of giv-ing the Republicans what they speaker, as a result of the 1984 wanted so that they would fall on their faces was said to have worked. as too weak on national defense, Many House Democrats think that too viewed as tax-and-spend and allowing the Republicans to win in that there are programs on the do-budget battles this year might lead mestic side that should be reto similar results in the 1986 House viewed." elections, particularly if the Repub-

After meeting with Mr. Reagan at the White House last week, Mr. of the renewed independence of the O'Neill said that the Democrats would not rule out Social Security revisions in any effort to reduce the deficit, but that such a move, like a tax increase, would have to be pro-

licans end up pushing a freeze on Social Security benefits.

posed by the Republicans. Mr. O'Neill's recent low-key approach also reflects the questioning within the Democratic Party after

Then, saying the new president open to suggestions from the White deserved the opportunity to press his case, Mr. O'Neill gave Mr. Rea-For instance, agreeing to put So-

cial Security on the table for deficit reductions this year would never have occurred a year ago, an aide to Mr. O'Neill said

"I think he feels it's time for a very sober assessment of where we go as a country and where we go as When Democrats recouped a party," Mr. Matthews said.

"There's no question," said a speaker, as a result of the 1984 elections, "believes the party is seen

In the meantime, Democrats and Mr. O'Neill have felt less pressured to jump into a debate over Mr. Reagan's budget proposals because House and, especially, Senate Republicans, who weeks ago began drafting their own budget after the White House indicated it could not achieve the deficit goals the administration had set for itself

"It's a lot easier to sound conciliatory when the Republicans are going after the president's budget the November election losses, party and talking about cutting defense," officials said. That means being a Democrat said.

## French astronaut and a U.S. sena-tor, Jake Garn, Republican of U.S. Ethics Code,

The Associated Press NEW YORK - A staff report by the Office of Government Ethics has concluded that Edwin Meese 3d, the counselor to the president, violated the U.S. government's ethical standards, it was re-

ported Monday.

The Senate Judiciary Committee

An article in The Wall Street Journal said David H. Martin, director of the agency, confirmed that two lawyers in his office evaluated an investigation of Mr. Meese NASA now can return to its by an independent counsel and open information policy, until the concluded that two of Mr. Meese's financial transactions appeared to

conflict with his official duties. Government ethics standards, among other things, forbid an official from taking actions that "might result in, or create the ap-pearance of...giving preferential treatment to any ... person."

Mr. Martin said one transaction involved a \$40,000 loan arranged in 1981 for Mr. Meese by John R. McKean, who later was appointed to the U.S. Postal Board of Governors. In the other transaction, Mr. Meese's home in California was sold with the help of Thomas J. Barrack, who got a job with the Interior Department. Mr. Martin said he ruled out any "appearance" problem on the Barrack matter after being convinced that Mr. Meese had not been aware that Mr. Barrack had helped on the home sale.

U.S. Law Tying Drugs to Foreign Aid Faces First Major Test By Joel Brinkley WASHINGTON — This Fri-

day, Senator Joseph R. Biden Jr. says, "is when the donnybrook will come" for the drug-producing na-The Delaware Democrat referred to the due date of a State Department report to Congress that will give a nation-by-nation

breakdown of how much progress

has been made against international narcotics trafficking. Based on that report, under a law adopted a year ago, President Ronald Reagan is to decide whether countries that have not made sub-

stantive progress should continue to receive U.S. aid. "We're not going to just wring our hands anymore," Senator Paula Hawkins, Republican of Florida, said recently. She sponsored the International Narcotics Control

amendment last year.

Some nations may be in immediate jeopardy because they have not achieved significant progress or promised any in the future. Belize is one, State Department officials said. That Central American country is a major marijuana producer, and it also receives more American aid per capita than most other

Representative Charles B, Rangel, the New York Democrat who was one of the narcotics amendment's sponsors in the House, said his information was that "not one of these drug-producing countries expects less than a bumper crop this year," despite the threat of losing U.S. aid.



Joseph R. Biden Jr.

"Not one of them has been able to produce some kind of timetable for when the total eradication of narcotic crops will take place," he

Even in countries that have promised to eradicate marijuana, coca or opium-poppy plants, U.S. officials acknowledge that they face significant obstacles in determining how much progress the countries have made.

To know, for example, what per-cent of the acreage of coca bushes the government of Bolivia or Peru has eradicated in the last year, the United States has to know what was there to begin with. Officials say that may be impossible to determine with any certainty. "Look, this is an illicit business,"

said Gary D. Liming, deputy assis-

Enforcement Administration. "It is suitable for coca cultivation. Still, authorities. For example, "we think not an exact science.

volved in compiling the report to cial with the Drug Enforcement Congress said that in many cases, "all we have are guesstimates." Yet those estimates, which offi-

d States should cut aid. marijuana plants, much of which The obstacles to counting the had just been harvested, were ed States should cut aid. acres of coca bushes in Bolivia, Colombia or Peru, the principal coca-growing nations, are considerable. Coca is used to make co- aerial photos, had estimated was caine. The primary means of counting the bushes is by aerial

photography, but analyzing the photos is difficult. Rayburn Hess, an officer in the State Department's bureau of International Narcotics Matters, said: "Even when we identify the fields, they are often interplanted," meaning the farmers plant other crops between the coca bushes to hide them. "If it's plantain, coffee or yucca, the color signature is very

similar, so it's hard to tell which is which.' From the air, coca bushes that have just been harvested often do not show up at all. Since the leaves have been picked, the photos seem to show bare fields. Checking the fields on foot often is impractical, since in remote areas of South America, drug traffickers frequent-

ly shoot strangers. Finally, no one can be sure all the fields have been found. Colombia, Peru and Bolivia together cover nearly 1.5 million square miles

(3.9 million square kilometers).

Administration. That was dramatically demonstrated in Mexico in November, cials say may be off by as much as when the authorities raided several marijuana plantations. About 10,000 tons (11,000 metric tons) of 50 percent in some countries, will be used to decide whether the Unit-

seized and burned. That is eight times more marijuana than American and Mexican authorities, using grown in all of Mexico last year. Further investigation showed

been harvesting their first crop. Even so, the huge farms had remained unnoticed for at least six months, the time it takes to grow a mature marijuana plant.

that the plantations probably had

Enforcement officials acknowledged that other big plantations could be growing large quantities

tant administrator of the U.S. Drug Much of that territory may not be of marijuana, as yet unnoticed by "they could be growing it in areas Brazil is growing extensive quanti A State Department official in- we don't know about," said an offi- ties" of marijuana, Mr. Taylor said. "Some of it they grow under canopies. It has never been surveyed."

> So how will the White House and Congress determine if Brazil and other countries have carried out what the law calls "the maximum achievable eradication" of drug crops?

> "We can require reductions in areas we know about," Mr. Liming said. "But they could still have oth-

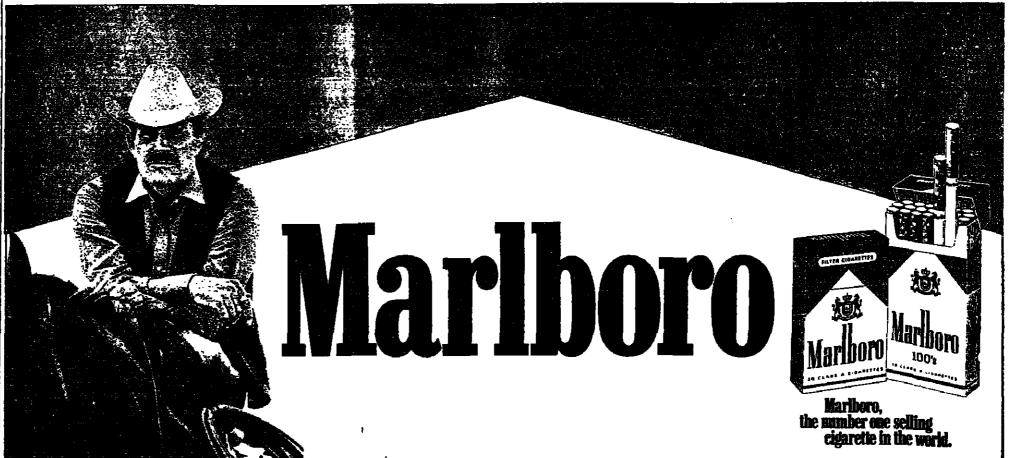


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A Max Baril Hotel THE BEVERLY RODEO HOTEL





# Herald Tribune

## The Mountain Labored

More Medical Research?

The mountains labor but bring forth a tally by coming in as buyers and sellers — ridiculous mouse, wrote Horace in an untrying to lean against the wind. translatable line of Latin. When the finance ministers of the five largest non-Communist economies assembled recently in Washington, did they produce even a mouse?

The dollar was soaring because nobody believed American interest rates were going to fall. This was awkward for everyone. And sterling was sinking because nobody be-lieved Britain would be able to balance its accounts when North Sea oil ceases to be the jewel in the crown. This was awkward for Prime Minister Margaret Thatcher, who is dedicated to eliminating inflation. Could cooperation do anything to check the dollar and put some floor under the pound?

Not much, according to Treasury Secretary Donald Regan, when you cut through the verbiage he had to adopt as chairman. There are two ways in which governments

might influence the currency market. They could intervene in concert, each unloading dollars in order to buy pounds, francs, marks and yen, hoping to force the dollar down and the other currencies up. Or they could change the conditions in which the market operates, concerting macroeconomic policies so as to reduce American interest rates in relation to those prevailing elsewhere. That might induce international operators to switch from the dollar to the other currencies of their own accord.

Massive concerted intervention seems to have been ruled out - as always in recent years. It was thought to be unlikely to deter operators who believed they knew a good thing (the dollar) and a bad one (the pound) when they saw it; and unsuccessful intervention would be costly. This attitude was probably judicious. The currency markets are so enormous today that it is doubtful whether governments can influence them fundamen-

Medical researchers in America are splutter-

ing outrage. Last year Congress approved 6,500 new grants for them, but the Office of

Management and Budget has now directed

that only 5,000 be awarded, as the Reagan

administration requested in the first place. The

researchers say that the promise of their field

has never been higher and that more research

will hasten the conquest of disease. So how

Congress does not know. Besieged by lobbyists for research against this or that disease, it

always raises the budget of the government's

medical research agency, the National Insti-

tutes of Health. Knowing that Congress will

spend more, the budget office always asks for

less. Thus medical research policy is set by the

Medical researchers may know how much

research is worth doing, but they have a vested

interest in pressing for ever more funds regard-

less of how efficiently they are using those they

already have or how well they could use more.

It is worth trying harder than Congress does to

answer such questions because research has

become a prominent share of the directly cut-

A reasonable goal for basic research policy

is to maximize the natural rate of discovery by

leaving no promising avenue unfunded. But is

too much money already chasing too few good

ideas? The quality-control mechanisms of aca-

demic science are so loose that they regularly

fail to detect outright fraud. The possibly

doubtful quality of many research reports is

evident from the rapidity with which most are

forgotten. Only 36 percent of published scien-

tific articles are cited two or more times in

No to America's 'Tennis Punks'

The two "stars" of the U.S. Davis Cup team

were blown away by the Swedes, and I for one

am glad. That defeat may take some of the

disgusting arrogance out of tennis punks Jim-

my Connors and John McEnroe. And one may

at least hope that it will shock our tennis

organizations into forcing these guys to clean

up their act before they permanently sully the

Anyone who watched Connors and McEn-

roe perform in Sweden on Dec. 16 saw one of

the most vulgar displays of childishness ever

seen in a world-class sporting event. Here was

Connors reveling in internationally televised

obscenity, berating the chair umpire in the

vilest street language and scornfully rejecting

1910: Change in South-West Airica

BERLIN - General Schuckmann, Governor

of German South-West Africa, between whom

and the Minister of Colonies, Herr Dernburg.

a controversy has been raging for some time.

has resigned. The resignation came in time to forestall an inquiry into South-West African

affairs by the Reichstag. The controversy is the

outcome of the position taken up by Herr

Dernburg regarding the mining concessions in

the colony. It has been the Minister's desire to

retain mining rights for the Government, while

the citizens of the colony have been agitating

for greater freedom in their own affairs. A few

weeks ago a demonstration in favor of Gover-

nor Schuckmann was made in South-West

Africa, which the Governor permitted.

reputation of American men's tennis.

table part of federal spending.

outcome of an annual poker game, not by

estimation of costs and opportunities.

much medical research is enough?

Intervention can, for a while, make currency movements slower. And it can, possibly, help them change course if they are about to do so anyway: This could - perhaps soon — be the case if America's trade deficit continues to mount. But intervention is unlikely to shift market sentiment if the market isn't about to change on its own.

Exchange rate movements that are unhelpful to the world occur when the economic policies of the major countries are imperfectly aliened. That is the case today, even though the countries in fundamentally weak positions are fighting hard to keep their currencies up. Britain has raised interest rates despite the need to get its unemployed back to work. France's Socialist government has swallowed the pill of austerity even though elections loom next year. But America's policies are clearly out of line. Until there is action to shrink the budget deficit, orderly reduction of interest rates and the dollar's exchange rate is unlikely. And that is not a problem that meetings of finance ministers can solve. Budgets are proposed by

governments but voted by legislatures.

The Jan. 16-17 meeting of the Group of Five (Britain, France, West Germany, Japan and the United States) got a bad press. The session was not liked by the countries not invited. And it is unlikely to lead quickly to a better orchestration of national policies. Still, holding these meetings is better than letting them drop. They can produce what Horace, again, called "harmony in discord." They are better than hurling accusations across oceans, because distance always makes the words sound harsher. They can help establish the understanding on which international cooperation relies.

thirds of researchers' published output - may

contribute negligibly to the march of science.

Yet research cannot be wholly efficient. Failure is inherent in experiment, and duplica-

tion is a necessary part of research competi-tion. Perhaps much of the seeming waste is unavoidable and more money for research would still bring positive returns.

Even if so, must the government always be

when a field of research no longer needs the

government as nursemaid. The rich flow of

venture capital into biotechnology means that

the government need no longer support that

The argument between the budget office

and Congress is whether the government

should continue supporting medical research

with 5,000 new grants or raise it by 30 percent

with 6,500 new grants. In ordinary times there

should be no high barriers to investing in intellectual capital. With a \$200-billion deticit,

it is worth asking harder questions: Are there really an extra 1,500 scientists whose ideas

men't support? Why have not industry or pri-

vate benefactors beaten a path to their doors?

Why can't they be supported by shrinking the

mass of forgettable research? Very possibly, an

the sport's traditional courtesies. Here was

McEnroe, the petulant Super Brat, an explo-

sion of bad manners just waiting to happen.

Nor is this anything new. These two have been

How long must we endure this atrocious behavior? It's bad enough when they behave

this way on the pro circuit, but when they are representing their country in Davis Cop play it becomes utterly intolerable. Tennis has

always placed a high value on ritualized cour-

tesy and gentlemanly behavior. The perfor-

mance in Sweden by these spoiled little rich

kids now puts the reputation of tennis's spon-

- From a syndicated column by William E.

and a former U.S. Treasury secretary.

Simon, president of the U.S. Olympic Committee

1935: The Japanese Pressure China

PARIS - Japan has been angling in China for

recognition of her Far Eastern supremacy, and

not without success. The Occident's failure to

fight China's battles for her has resigned the

Nanking government to a resumption of communications with Manchukuo, which Japan

interprets as a tacit recognition of that state's

independence. With the collapse of the Ameri-

can-British-Japanese naval arms negotiations,

it was reported from Nanking that Japan was

pressing for relations. China's experience has

led her to suspect that whenever the Japanese

diplomat becomes urgent it is because he is

trying to get results that will forestall some action by the military which would be difficult

to explain in Europe and America.

- THE NEW YORK TIMES.

excellent case could be made for those extra

grants. Let Congress make it.

carrying on like this for years.

soring organizations on the line.

Other Opinion

FROM OUR JAN. 29 PAGES, 75 AND 50 YEARS AGO

ement of biomedical research so heavily.



By Gideon Rafael

JERUSALEM — As the Soviet United States come out of their political trenches and move forward into the field of diplomatic dialogue, this may be a ood time to reflect on the hazards of the arms race in the Middle East.

Unlike the superpowers and their allies, who manage to conduct their international affairs with considerable prudence, the countries in the Middle East inject a lot of emotion. The region is characterized by instability, interminable feuds, smolder-

ing conflicts and open wars.
The area stretching from Kabul to Casablanca is as overstocked with arms as it is overburdened with contention. What are these weapons for? To defend the Middle East against outside aggression? The governments of the region lack the joint will for strategic cooperation. To protect oil resources against Soviet encroach-ment? If Moscow decided to interfere with the free flow of Gulf oil it would more likely activate local saboteur Israel—are amassing debts to match gangs than Soviet airborne divisions. Israel—are amassing debts to match was tabled in 1967, the original draft, gangs than Soviet airborne divisions.

Or are these arms meant to ensure hoarding. Whether the debt pile will collapse before the stockpile blows up is a matter of conjecture.

C AIRO — Egypt put on an exhi-bition last November to show

representatives of 200 international

companies the products of its newest

industry. Eleven types of weapons were on display, ranging from a ra-dar-equipped missile, the local ver-

sion of the Soviet SAM-7, to the Fahd

armored personnel carrier, named for

the king of Saudi Arabia. There were

long-range 122mm artillery pieces

and 23mm anti-aircraft guns, plus the

Alpha ground-support jet, the Ga-zelle helicopter and the Mirage 2000

fighter, all French but all produced

It was an impressive arsenal for a

country with per capita income of only \$560 a year. Egypt's fledgling arms industry already brings in \$1 billion a year in hard currency. It has been something the world's people yet accounts for more than 8 percent of the world's

and assembled in Egypt.

In this long-distance race Israel has not been a lonely runner, but it has been a lonely voice. While straining not to lag behind, it has proposed time and again to end the mad race. In 1963 Golda Meir, then foreign mister, submitted to the UN General Assembly a six-point plan for the reduction of tensions in the Middle East topped by a proposal for negotimutual inspection, covering all types of weapons." In 1966 Prime Minister Levi Eshkol called on the great powers to halt the arms race in the Middle East, and on the states in the region

to agree on measures of arms control. The idea of curbing the Middle East arms race has been discussed on numerous occasions and in various forums. When UN Resolution 242

than others from these abuses, be-

mass of subway riders."

cause, as you point out, they are the

Why have you not written

• "We need a legal system that

does not forbid us in court to men-

tion the record of the habitual crim-

inal. There are a thousand punks -

black and white - watching this

striving for law and order."

"Why do you conceal the truth

and write that merely 'a lot of' the

crimes in the New York subways

again and again about the utter

failure of the police and the courts

to protect the ordinary citizen?"

cluded a provision "for joint measures to regulate the arms trade in the Middle East." The Soviet counterdraft contained a paragraph on the same subject. Both were deleted from the final British text, apparently due to the opposition of Arab states that felt a need to replenish their arsenals, depleted in the 1967 war.

Middle East in Arms: Swelling Armies

Lead the World in Weapons Imports

**By David Lamb** 

easy access to weapons at low prices.

World, Its first tanks are scheduled to

roll off the production line by 1989.

Meanwhile, the November exhibition

illustrated the frantic arms race that

has made the Middle East the world's

Few others see Egypt as being so altruistic. It hopes to become a major weapons merchant for the Third

All agreements concluded between Israel and Arab states, from the armi-stice accords of 1949 to the peace treaty with Egypt in 1979, contain provisions on arms control, limitation of forces, demilitarized zones

and third-power supervision. and third-power supervision.

All those agreements reflect a balanced mix of military prudence and political perspicacity. The experience gained in the application of these measures could be of considerable value in settling Middle Eastern discounter the Argh Israel conflict as putes — the Arab-Israel conflict as

well as inter-Arab conflicts. Obviously, success in disarmament depends on progress in defusing dangerous conflicts. An unbridled arms race, however, not only frustrates efforts to terminate conflicts by peaceful means but also intensifies the ex-

isting ones and generates new ones.

Since most of the arms used or stored in the Middle East are of foreign origin, the possibility of an agreement on regulating the arms trade should be explored in the first instance by the exporting states rather than by the importing states, which for the time being refuse to reason

together on any subject.

The resumption of the superpower dialogue on arms control offers an occasion for consultation on steps to reduce the ever increasing risks of the Middle East arms race. Responsible governments should support action to reduce the risk of an explosion that could harm their countries no less than the states immediately affected.

The writer is a former director general of Israel's Foreign Ministry. He contributed this comment to the International Herald Tribune.

tute. The 17 Arab armies now total 2.2 million men and are growing.

Even with declining oil revenues Even with declining oil revenues, military budgets are usually the last to be cut. Oman devotes 40 percent of its budget to defense. Saudi Arabia spends \$2,700 per capita per year on its military. Defense spending in the United Arab Emirates has increased 56-fold since 1974. Egypt has more men in uniform today (460,000) than it did in 1979, before the Egyptian-Israeli peace treaty.

But who is the enemy? in a press conference at the show. He added that Egypt's motivation was not economic — "We aren't arms dealers" — but was based on the desire to provide Arab governments

But who is the enemy? Fifteen years ago it was Israel Rhetorically, at least, that is the ratio-

nale most Arab governments continue to cite for military buildup.

Kuwait's Defense Minister Salim
al-Sabah said in 1983: "We need to protect Kuwaiti territory and provide

protect Kuwaiti territory and provace backing to other Arab armies so they can ... regain their usurped lands." Realistically, though, most Arab governments neither seek nor expect renewed war with Israel. The legacy of Anwar Sadat, the late Egyptian president, was to shift the focus of the Arab-Israeli conflict from the battle-field to the negotiating table. Today's Arab leaders are less preoccupied with Israel than they were a decade or

so ago. Instead, the enemy is within.
Saudi Arabia and the Gull states
fear the spread of Iran's religious
extremism and worry about their internal security. Lebanon is in chaos. The Iraq-Iran war is in its fifth year. Egypt and Syria are suspicious of each other's military aims. No one trusts Libya. Morocco and Algeria support different sides in the 10-yearold Western Sahara war. Oman views with concern South Yemen, against

whom it has fought a war.

An exception is Tunisia, which tries to get along with everyone and spends only 2 percent of its budget on defense. So it is dismissed by its Arab neighbors as insignificant. A Western diplomat commented, "If you've got no guns you've got no respect." Although war with Israel is not on

the minds of most Arab leaders these days, they nevertheless want to main-tain some sort of military parity with Israel. Thus it is U.S. arms shipments to Israel that in many ways set the pace of arms sales in the Middle East. The United States and France are the principal arms suppliers to the Middle East, ranking far ahead of the Soviet Union, whose major regional clients are Syria, Libya and South Yemen. But Britain, West Germany. China, Spain, Brazil, Canada, the

Netherlands and Turkey also sell in this lucrative market.
According to a U.S. Library of Congress study last year, the United States has passed the Soviet Union as the major exporter of weapons to the Third World with nearly \$10 billion in deliveries in 1983.

The writer is the Los Angeles Times' correspondent in Cairo.

Letters intended for publication should be addressed "Letters to the Editor" and must contain the writer's signature, name and full address. Letters should be brief and are subject to editing. We cannot be responsible for the return of

unsolicited manuscripts.

# 'A Citizen Exercising a Basic Right'

Someone won't be pushed off the

platform or raped on a roof because

they were hospitalized. I wonder

how many murders they commit-

get more police protection and dis-

that what we all really want?"

are out there now."

suade would-be criminals, and isn't

of vigilantism, but I, too, as a gener-

streets in place of the muggers that

"It's not that everyone will be

armed, but that potential muggers

"L too, blanch at the concept.

the survival of domestically imperiled

regimes? But AWACS surveillance

planes and ground-to-air missiles are

to wage local wars, buy influence,

aggrandize the prestige of the pur-

Relatively few of these weapons are locally produced. The Arabs' main suppliers are the Soviet Union

and the United States, followed by

France, Italy, Britain, Brazil, Czecho-

Arms are the customary currency to pay for oil. The profitability of the

arms-for-oil business is subject to fluctuation. Spiraling oil prices and

the technological sophistication of

weapon systems brought a sharp rise

in the cost of arms. Yet the decrease

of oil exports has hardly reduced the

The purchasing states — including

slovakia and China.

The real purposes of these arms are

designed to put down rebellions.

the source? Intense federal support of research has unseen side effects. It draws the best re-N EW YORK — Sometimes the mail deserves to be heard not By Sydney Schanberg searchers toward universities and academic goals and away from industry - the opposite of Japan, where industry funds most research. because it is agreeable but because it tells us about some of the anger It shrinks the opportunities for private beneand frustration and dark feelings out there. And occasionally it tells factors, of whom many are prepared to give remarkably generously. There are also times

us about racial hatreds. My mail on the Bernhard Hugo Goetz affair has been like that. What this man allegedly did on four youths who accosted him on a subway train - has stirred a na-

tionwide debate about crime and vigilantism and public safety. The mail is running about fiveto-one in his favor. Here are some excerpts from the pro-Goetz letters. Me, I'll take the Wild West

any day. At least it had a certain wholesomeness, a thrust toward decency and order. True, bystanders might get hurt in confrontations, but suffering from an exchange of bullets is better than suffering at the hands of subway sadists."

· "Thank God for that Vigilante. Bernhard Goetz for mayor. • "Bernhard Gnetz has been wrongly labeled as a vigilante. In fact he was a citizen exercising a basic right: Self-protection!"

 "Those four slobs out of commission probably are responsible for a crime a week in the subway.

white, male American! At long last we can hold up our heads again!" • "People are sick and tired of

everything, and so be it." • They used to hang people for stealing borses. It worked! "Bernhard Hugo Goetz makes me proud, P-R-O-U-D, to be a

like being abused. Blacks and His-

believe they may be. Perception is are caused by blacks and Hispanics? You know very well that they commit virtually all of the crimes."

ted. New York is a dying city."

"His excess, if any, must not blind us to the essential legitimacy time we tried another approach to of his response: He was right to

ally law-abiding citizen, would feel case and if Goetz doesn't get a fair safer with vigilantes roaming the shake, we might as well all quit

ght even

 "One problem is that the subways are used only by little, uninfluential people. The mayor, council president, governor all have big autos supplied at our expense. They don't have to use subways to be at being abused and of being told that work on time. Our local governthey are bigots because they don't ment is not doing the job; that's why the guy with the gun is a hero."

panies, unfortunately, suffer more The New York Times.

## SUBWAY HEY-YOU CITIZENS KNOCK OFF THE MUGGERS 5000 ROUGH STUFF DOWN THERE. CITIZENS

## Noisy, Dirty, Smelly, Crowded and Unsafe

PARIS — Popular support for New York's subway vigilante, Bernhard Goetz, has focused international attention on the plight of a great but sinking city. Its people are fed up with hostility and degradation, assaults on dignity and privacy, and the random, senseless quality of most of these assaults.

The New Yorker of the 1980s lives with his nerve endings jang-ling. Homeless burns and "crazies" former mental patients now judged not to be too dangerous -populate his streets, sometimes shouting obscenities and threatening passersby. Trash lies everywhere. Noise is incessant and often aggressive: automoblie horns, bus engines, trucks hitting potholes, the blaring of big portable radios.

Merely crossing the street can be dangerous, because running red lights has become the norm for motorists and cyclists alike, and the latter routinely pedal against the traffic on one-way streets.

Jan 150

By Roger M. Williams:

Crime itself is a relatively minor consideration. My wife and I lived in Manhattan for 10 years without being mugged or having our apartment robbed. Yet each of us was subjected to the kind of near-criminal assaults that are commonplace.

Two examples: When my wife objected to a woman who pushed into line in front of her, the woman hit her in the face. As I was walking up Broadway talking with a friend. a man coming in the opposite direction thumped me on the chest with his forearm and snarled, "Hey. man, watch where you're going!

For most of these assaults on the self, the subway is an all too real symbol. It is noisy, dirty, smelly, crowded, mechanically unreliable and a favorite hunting ground of muggers and gold-chain snatchers. For most New Yorkers the subway is the only feasible means of travel; they almost have to use it. That adds to resentment and magnifies the vicarious satisfaction when somebody like Mr. Goetz "fights back." The film "The Tak-ing of Pelham 123" scored a commercial success a decade ago by portraying a New Yorker stalking the subways to zap predators.

The race of the young men who harassed Mr. Goetz is irrelevant to an understanding of the public reaction. For the typical subway sufferer, the harassers could just as well have been white - or green. In the netherworld of the New York subway, danger is always dark, but it is a metaphorical darkness, not a skin color. Dark, too, is the despair inspired in New Yorkers by much of their everyday environment.

The writer is a former New Yorkbased editor who moved to Paris with his wife and daughter last August. He contributed this comment to the In-

#### LETTERS TO THE EDITOR

Nuclear Reprocessing Regarding the report "Nuclear Re-

cycling: Europe Is Ahead" (Jan. 5): It is true that in the field of reprocessing spent nuclear fuel, "Europe is It is sad, however, that the United States perceives this technology as a good thing and is apparently anxious to catch up. From a European perspective, it is as if America could not wait to join the game of Russian roulette that Britain and France in particular have been play-

ing since the 1950s and 60s. Reprocessing plants represent an irresistible target for terrorists. Had a plant of the size of Windscale (in Britain) or La Hague (in France) existed in Europe during World War II, large areas would still be uninhabitable today and thousands of people would still be dying lingering deaths from exposure to radiation liberated by an inevitable attack on the plant. Reprocessing, particularly of thermal oxide fuel such as is produced by

most nuclear power plants, is not a proven technology. The only plant which actually tries to treat oxide fuel on a commercial basis is La Hague, but it has failed miserably.

amount" of high-level radioactive waste is generated. But there are large volumes of intermediate-level waste (cladding from the fuel rods) and low-level waste (contaminated concrete, piping, tools and garments). No satisfactory disposal method for either category has been agreed on.

Low-level waste is subject to a seadumping ban imposed by the London Dumping Convention. Intermediate-level waste disposal plans meet perpetually with vociferous opposition from communities threatened by disposal plans. Vitrification is far from being a proven way of dealing with high-active waste. The tragedy is, of course, that if we

are looking for a readily available source of energy to take us into the 21st century, we have to look no far-ther than beyond the closest wall. Wind, waves, the sun and tidal and geothermal power represent renewable, safe and sustainable sources of energy that do not rely on high-tech. high-risk industries. But, of course, they do not produce plutonium.

PETER WILKINSON. Greenpeace International.

One-Way Indignation

Regarding the report "Poles Assail U.S. Program Linking Hitler, Jaru-

zelski" (Jan. 17) There was no "parallel drawn" be tween Worciech Jaruzelski and Adolf

Hitler. The broadcast was not "probably intended" as "ironic humor" but clearly identified as satire. It was a transparent parody of a Hitler

TEN MEN

But to the

"FREE LACE"

Secretary Sol 11.55

ephan was hours money

O BRANCE THE TANK A TH

May had group that the said

and he was a m

1983 party ==== ne

Tener apply

Contract the second

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speech, illustrating similarities between Nazi and Communist slogans. The text did not originate with Radio Free Europe. We broadcast, with clear attribution, fragments of a spoof published by Polish writers in the West. And not Hitler's alleged speech but a section of that spoof. entitled "A Cubbyhole of Memories," was dedicated by the editors of 28 (100)

the parody to General Jaruzelksi. The case has drawn the attention of the press and criticism from the U.S. State Department, But when the Communist press systematically compares President Reagan to Hitler. nobody seems to find it noteworthy.

ZDZISLAW NAJDER Director of the Polish Service. Radio Free Europe. Munich.

Not Unprintably Serious Regarding "Killing the Arms Ruce"

(Jan. 15) by Art Buchwald: In an age when intelligent men have to be humorists, what may one It is true that a "relatively small say of the serious men who rule the world? Something, I think, that may not be printed. Meanwhile, Art Buch-

spendions and the second secon PHILIP O'CONNOR.

The Goal of Arab Unity

wald is cutting near the bone.

Regarding "Young Nation-States Shake Up the Old Arab Nation" (Jan. V) Add for the accident. The Flora Lewis's views on Arab unity will have pleased Western strategists who seek to keep the Arab world divided, and also the many Arab rul-Marie Sales and the Marie Sales of Marie Sales processes of Marie Sales processes of Marie Sales and Sales and Sales and Sales processes of Marie Sales and Sales and Sales Sales and Sales Sale ers who are guided by self-interest But I can assure you that Arab unity will remain the most important pillar of our national aspirations. The Arab

nation will eventually rise again within one united country. WAEL EL MIQDADI

Recovery Might Be Rude

Columnist Anthony Lewis. in Forecasting Slow Death for British (Jan. 25), cites the weakening exchange rate between the pound and the dollar as evidence of Britain's decline. He may be right. But belove this "dignified demise" can occur. is it not likely that Britain will be obliged to take strong measures to defend its balance of payments and put its people back to work? And who will be sorry then?

R.F. LYONS Ville d'Avray, France.

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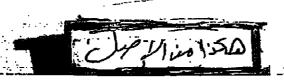
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JOHN HAY WHITNEY, Chairman 1958-1982

KATHARINE GRAHAM, WILLIAM S. PALEY, ARTHUR OCHS SULZBERGER







GANGLAND AT PRAYER — Members of a Japanese gangster organization called Yamaguchi praying as a van passed carrying the body of their boss, Masahisa Takenaka, in Osaka on Sunday. The gang leader was gunned down Saturday night, probably by members of a rival crime syndicate, and died in a hospital on Sunday.

## Vietnam Is Said to Want Better Relations With U.S.

By Barbara Crossette

New York Times Service HANOI — "Victnam has lived try official told a group of visiting Americans recently.

But diplomats and development experts from both the West and the East, interviewed here on the eve of the arrival Monday of Secretary-General Javier Pérez de Cuéllar of the United Nations, told a different story. Vietnam, they said, is desperately in need of Western assistance and wants to improve relations

Hanoi's occupation of Cambodia. being watched closely by diplomats bodia from Hanoi.

Foreign Minister Nguyen Co Thach, United Press International reported from Hanoi.

missing in action in Laos. They said Southeast Asia. without you for a thousand years, and we can live without you for a thousand more," a Foreign Ministry official told a group of visiting the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and into run-leading the subject was brought up at U.S. In the streets of Hanoi, shabbily and the subject was brought up at U.S. In the streets of Hanoi, shabbily and the subject was brought up at U.S. In the streets of Hanoi, shabbily and the subject was brought up at U.S. In the streets of Hanoi, shabbily and the subject was brought up at U.S. In the streets of Hanoi, shabbily and the subject was brought up at U.S. In the streets of Hanoi, shabbily and the subject was brought up at U was expected to arise in his talks in brought decades ago from Stras- of influence, make Hanoi reluctant Hanoi.

In assessing the Cambodian im-passe, the Vietnamese leadership appears to be torn between staying black market exchange rate, about may have rightly calculated that in Cambodia for reasons of nation- \$25 at the inflated official rate. A the loss of control over Cambodia al security and finding a way to bicycle can cost as much as \$100. may be too high a price to pay for leave in the hope of attracting more development aid.

aid officials say, malnutrition and with the United States.

The major stumbling block is appeared from much of Asia are tions, which has called for Vietstill major problems. The standards namese withdrawal from Cambowhich has led to the curtailment of of many goods and services are dia and does not recognize the most Western aid. The visit of Mr. falling. One of the most sought- Phnom Penh regime, to accept the now called "criminals" here - may Pèrez de Cuellar, his first to Hanoi after skills is the repair and rehastaus quo. If this is the repair and rehastaus quo.

"Every time I pass through for signs of new initiatives on Cam-hodia from Hanoi.

Bangkok on my way here," an American scholar said, "I see the [Mr. Pérez de Cuéllar arrived in gap between Thailand and Viet- cretive capitals in which to work. Vietnam from Laos and was met by nam getting wider."

major economic targets last year. It security, born of 40 years of war [Aides said that during talks in is nearly a decade since the fall of Laos with Foreign Minister Saigon, and Vietnam, with a per-Phoune Sipaseuth, the UN secretary and vietnam, with a per-presence of large numbers of Soviet advisers.

bourg, France. The electricity sup- to abandon the Cambodian buffer. ply is erratic. A worker's basic wage diplomats say. Some diplomats hovers around \$1 a month at the sympathetic to Vietnam say Hanoi

Vietnam's critics say Hanoi already may have decided not to give pointing amount of Western aid. In Vietnam, the diplomats and ground on the Cambodia issue. Ha-

conjecture than known, because mats say. Hanoi remains one of the most senam getting wider."

This atmosphere, according to According to its own figures, foreign residents, grows out of an Vietnam failed to meet most of its overriding obsession with national

tary-general raised the question of and its allies Laos and Cambodia "It is impossible to exaggerate 560 American airmen still listed as rank as the poorest countries in the paranoia of Vietnam," a diplomat said.

what might turn out to be a disap-

Internal disagreements may also aid officials say, malnutrition and noi, diplomats say, may be hoping be playing a part in the reluctance intestinal infections that have disinstead to persuade the United Nato compromise on Cambodia, diplomats suggest. Hanoi's apparent change of heart on the release of "re-education" camp inmates tarus quo.

If this is true, diplomats say, the makers from national and provinreasons are complex, more often cial security officials, some diplo-

Fear of foreign-supported subversion has kept high the level of accusatory polemics directed at China, Thailand and the United States. What is not certain, according to diplomats, is whether this hard line is unanimous. They say there seem to be those in the leadership who want better Chinese ties and who might prefer working with Peking than Moscow despite centuled, aid experts say, to an inattention to development needs. There the Soviet bloc, is now thought to spend more than half its gross national product on the military. Its armed forces are the fourth largest

in the world. There are known to be younge men in the ranks of future political leaders who want to outgrow the "perpetual struggle" mentality of the past and concentrate more on economic development, taking a more pragmatic approach and drawing on Western technological and management skills. Efforts to loosen controls on both agriculture and small industry have already paid off in some areas, but the experiment remains controversial.

Soviet aid, thought to be worth more than \$1 billion a year, has had little effect on daily life, residents of Hanoi say.

#### **■ Khmer Rouge Shelled**

Vietnamese gunners blasted Cambodian strongholds of the Khmer Rouge with heavy artillery Monday, sending 10,000 refugees fleeing to the Thai border, United Press International quoted Thai military sources as saying.

## Gas Disaster Seen as Fatal Combination of Operation, Design, Upkeep Faults

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Track the many that the many t

that Mr. Gokhale and other comescaping gases, would theoretically organization pany officials have refused to dishave been capable of handling cuss in detail. But an understand- about a quarter of the volume of ing of that relationship is a key the leaking gas were it not under element in pinpointing responsibil-ity for the disaster at Bhopal. Lawyers from both the United States

president in Danbury, sits on the sign of the scrubber, the flare tower Indian company's board, Mr. Gok- and the spray system. Detailed dehale acknowledged, as do four rep-resentatives of Union Carbide entire plant, he said, was per-Eastern Inc., a division based in formed by a Bombay subsidiary of Hong Kong.

the lawsuits brought by Bhopal res-

Srinivasan Varadarajan, the In-London, owned in turn by the Endian government's chief scientist, serch Corp. of Dallas. said his staff had been told by man-agers of the Bhopal plant that the after the accident that during the refrigeration unit designed to chill evening of Dec. 2 they did not realthe methyl isocyanate had been dis- ize how high the pressures were in connected because the managers the system. Suman Dev. the senior had concluded after discussions operator on duty, said he was in the with U.S. headquarters that the de-control room at about 11 P.M. and vice was not necessary.

quarters in Danbury, Thomas inch, about five times normal. He Failla, said: "As far as we have said he had thought nothing of it. been able to establish, the question About 11:30 P.M., workers in of turning off the refrigeration unit the methyl isocyanate structure, was not discussed with anyone at about 100 feet (30.5 meters) from Union Carbide Corporation."

The methyl isocyanate operating Their eyes started to water. manual in use at Bhopal, which was written for the West Virginia plant, according to a former senior official at Bhopal, says: "Keep circulation of storage tank contents con-tinuously 'ON' through the supervisor, of a methyl isocyanate "which was well below the recomrefrigeration unit."

A senior official of Union Carbide India said few if any people would have died Dec. 3 had the unit been running because it would have slowed the chemical reaction and increased warning time to perhaps two days.

Many employees at the Bhopal til after tea ended, about 12:40 plant described a factory that was A.M., according to the employees once a showpiece but that, in the face of persistent sales deficits since 1982, had lost much of its highly trained staff, its morale and its attention to the details.

"The whole industrial culture of Union Carbide at Bhopal went down the drain," said Kamal K Pareek, a chemical engineer who was senior project engineer at Bho-pal during the building of the methyl isocyanate facility eight years

The plant was losing money, and top management decided that saving money was more important than safety," he said. "Maintenance practices became poor, and things generally got sloppy." Mr. Pareck said he resigned in

December 1983 partly because he was disheartened about developments at the plant. Mr. Gokhale termed the compa-

ny's cost-cutting campaign simply an effort to reduce "avoidable and wasteful expenditures." Details of the accident and its

causes have been provided by technical experts such as Mr. Varadara-jan and Mr. Pareek and by three dozen plant workers, past and pre-sent company officials and other people with direct knowledge of the factory's operations.

Nearly all those interviewed contended that the company had been neither technically nor managerial ly prepared for the accident. The 1982 inspection report said the Bhopal plant's safety problems represented "a higher potential for a serious accident or more serious consequences if an accident should OCCUIT.

That report "strongly" recom mended, among other things, the installation of a larger system that would supplement or replace one of the plant's main safety devices, a water spray designed to contain a chemical leak. That change was never made, plant employees said.

Another of the safety devices, a gas scrubber or neutralizer, was unable to cope with the accident be-

But the flare tower was not operand India say it is also central to ating at the time of the accident. A former executive at the Bhopal idents injured in the accident.

J.M. Rehfield, an executive vice had provided guidelines for the de-Humphreys & Glasgow Ltd. of

noticed that the pressure gauge in A spokesman at corporate head-one tank read 10 pounds a square

the control room, detected a leak.

a drip of liquid about 50 feet off the would mean the ground, and some yellowish-white cent full. gas in the same area. He said he leak after tea.

water leak, not an escape of methyl

No one investigated the leak until after tea ended, about 12:40

on duty. Such inattention merely com-

robiems cited then had been corpressure one-quarter that of the leaking gas, according to plant docted.

The precise relationship between liquion Carbide's 11 S. headquarters.

The delay of the chemi-particularly troubled that the method in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method been stored in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method been stored in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method been stored in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method been stored in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method been stored in the manufacture cal to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method been stored in the manufacture call to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method call to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method call to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method call to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method call to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method call to have reacted with water, at least 1.5 tons or 420 gallons of the chemi-particularly troubled that the method call to have reacted with water, at least 1.5 tons or 420 gallons of t (Continued from Page 1) cause it had a maximum design pounded an already dangerous sit-problems cited then had been cor-pressure one-quarter that of the uation, according to Mr. Varadara-The precise relationship between uments and employees.

Chemist who heads the Council of water would have been required, Many plants store the compound said, only a few of about 20 operation.

Carbide's U.S. headquarters

The third safety system, a flare

Scientific and Industrial Research, according to Union Carbide tech
in 52-gallon drums, which are con
tors at Bhopal knew the whole and its Indian affiliate is a subject tower that is supposed to burn off the government's central research nical experts.

> In the two weeks after the accihis assistants questioned factory have entered the storage tank. managers at Bhopal, directed exsults of those tests.

Mr. Varadarajan said that routine tests conducted at the Bhopal substance may have been more re- water. active than the company believed. For example, he said, the Bhopal the presence of small amounts of

in Danbury said: "Tests for chloride-containing materials, including chloride ions in the tank, are made routinely." Mr. Varadarajan's analysis.

along with internal Union Carbide documents and conversations with workers, offers circumstantial evidence for at least one explanation of what triggered the accident.

There were 45 metric tons, or about 13,000 gallons, of methyl isocyanate in the tank that leaked, V.N. Singh, an operator, spotted according to plant workers. That

Union Carbide's spokesman in went to the control room about Danbury said the tank contained supervisor, of a methyl isocyanate "which was well below the recomleak. He quoted Mr. Qureshi as mended maximum working capaci-responding that he would see to the ty of the 15,000-gallon tank." However, even that lower level

Mr. Qureshi contended in an in-terview that he had been told of a ceeds the 60-percent limit set in the Bhopal operating manual. The reason for the restrictions,

according to technical experts formerly employed at the plant, was sure in the storage tank would rise

But all of those interviewed agreed that it was highly unlikely dent, Mr. Varadarajan said, he and that 420 gallons of water could

This observation led Mr. Varaperiments conducted by the plant's darajan and his staff to suggest that research staff and analyzed the retion: water and phosgene, which is used in the manufacture of methyl pon isocyanate and which inhibits reacfactory used a faulty method, so the tions between the compound and

Mr. Varadarajan said his study had found that the water-phosgene staff did not adequately measure reaction produced highly corrosive the incidence in methyl isocyanate chloride ions, which can react with or the possible effects of chloride the stainless steel walls of a tank, ions, which are highly reactive in liberating metal corrosion products -chiefly iron - and a great deal of heat.

> The heat, the action of the chloride ions on methyl isocyanate, which releases more heat, and the chloride ions' liberation of the metals could combine to start a runaway reaction, he said.

> But that is not the only possible explanation of the disaster at Bhopal. Although water can react ex-plosively with liquid methyl isocyanate in a closed tank. Lye can also react with it in a closed tank, but in the gas neutralizer, or scrubber, a solution of water and lye neutralizes escaping gas. Beyond water strongly, often violently, with a variety of contaminants, including acids, bases and metals such as

Investigators from both Union Carbide India and its parent corporation have found evidence of at least five contaminants in the tank that leaked, according to nuclear magnetic resonance spectrographs that were obtained by The New York Times and analyzed by two Indian technical experts at the request of The Times. Among the contaminants, a senior official of that in case of a large reaction pres- the Indian company said, were water, iron and lve.

Mr. Varadarajan said he was

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| Jeganon truins, which an lered safer than large tank. The Union Carbide Corp. that it would be more efficience the chemical in large qs. former officials of the liliate said, so that a delay oduction of methyl isocyould not disrupt product e pesticides of which it is a ment.  Some of the operators a ant said that previously, are trained to handle all five | decident to lower employment of which once required of a compatible to the paragraph of the | ant. restions about qualifications, perators' jobs, college science by high school complained ce of the Bho- in 1984, they r maintenance the day shift, | PROGRAM, TUESDAY 29th JANUA  LIK TIMES 13.35 GHOSTS OF 14.30 THE NATURE 15.00 SKY TRAX 1 15.40 SKY TRAX 2 16.25 SKY TRAX 2 16.25 SKY TRAX 2 16.25 SKY TRAX 2 16.20 THE BRADY E 18.30 CHARLIES A 19.20 SKYWAYS 20.15 ROYING REPE 20.45 AMERICAN R 22.00 SKY TRAX CY CHANNEL SATELLITE TELEVISION P TELEPHONE LONDON (01) 636 407 | CAPE HORN OF THINGS SS SUNCH NGELS OFIT OOTBALL LC FOR FURTHER INFORMAT                                                           |
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## ARTS/LEISURE

## Scherrer Does Japan, Cardin Gets Loose

By Hebe Dorsey International Herald Tribune DARIS — It's Paris summer outure week and the question

after Jean-Louis Scherrer's show Monday morning was: Is Mrs. Va-

#### PARIS FASHION

The answer is no. What she liked best in this startlingly Japanese col-lection were the sample black-andwhite dresses. Sporting a youthful-looking crew-cut hairdo and a d'Ornano, a close personal friend,

mer French first lady said this was collection; when her husband was in office, she had the clothes shown

PARIS FASHION

As she sat center stage, neatly framed by the wives of the British and U. S. ambassadors to France. sential Parisian going to look like a observers noted that her being at the collection coincided with her husband's recent high profile. Asked if her appearance had political implications, she said, shocked: "Absolutely not." Still, as Isabelle

## Sontag Directs Kundera Play With Pomposity, Lack of Fun

By Frank Rich

C AMBRIDGE, Massachusetts — If ever there was a Cultural Event, it is "Jacques and His Master," the Milan Kundera play now at Harvard's American Repertory Theater. Not only is this production the U. S. premiere of the Czechosolovak writer's sole stage work, it marks the U. S. debut of Susan Sontag as a theater director.

There's nothing wrong with a Cultural Event, of course, provided its perpetrators do not let the event upstage the culture. I am not convinced that this trap has been avoided in Cambridge, Kundera's play, as translated by Michael Henry Heim, is a liberating folly — a playful "homage" to Denis Diderot and his proto-modernist, late 18th-century

Sontag has staged it with fastidious care, but also with a pomposity that can drain away the fun. It is all too characteristic of the production that

the director gramitously drags a bust of Diderot on stage.

Kundera wrote "Jacques and His Master" in 1971, after his literary banishment in Czechoslovakia, before his emigration to France. Like its source, its meaning is to be found as much in its prismatic form as in the anecdotes filtered through that form. In one beguiling digression, a character laments plays that proclaim such "unnecessary truths" as "The world is rotten!" Rather than ply us with unnecessary truths, Kundera asks if — and how — we can ever know what the truth is.

During the work's three acts (played without intermission), the servant Jacques (Thomas Derrah) and his aristocratic master (Robert Drivas) trudge rudderlessly through a void inhabited only by an innkeeper (Priscilla Smith). Along their way to nowhere, the men swap tales of their romantic misadventures. But Jacques and his master keep interrupting and amending their stories - and are themselves interrupted by the innkeeper, who recounts still another tale of sexual betrayal.

The play's techniques — the contrapuntal use of multiple narrators, the variational structure, the interjected metaphysical debates — take us from Kundera's first novel, "The Joke," through "The Book of Laughter and Forgetting" and "The Unbearable Lightness of Being." Yet "Jacques" usually achieves its disquieting effects through ribald comedy. Sontag's staging lacks the requisite velocity and fizz, and the performances, especially those of the seven actors populating the internal narratives, are mostly flat and sexless.

While Drivas summons up the appropriate dandified style of the master, Derrah's nondescript Jacques denies him a foil. Only Smith brings the play fully alive. Acting out the tale of the Marquise de la Pommeraye, the actress leaps between wildly disparate social and theatri-cal roles with perfect timing and sly humor. Her performance alone unlocks the explosive laughter in existential anxiety.

Even if the other actors rose to Smith's level, the production would be hobbled by its set and score. Kundera demands an empty stage; Douglas Stein provided an eggshell-colored Roman ruin abstractly patterned after a Piranesi engraving. The music is by Elizabeth Swados, who punctuates every sexual reference with distracting percussion noises that are arty equivalents of the drumrolls that fleck a Johnny Carson monologue.

the first time she had attended the alive and remarkably well. Jacques Mouclier, president of the French

Chambre Syndicale, said the fig- hats fun as always. ures have never been so good. Thanks partly to the strength of the dollar, couture business for 1984 totaled 270 million francs (now about \$28 million), an increase of 35 percent from 1983. Things started turning around four years ago, Mouclier said, and the movement is

turiers are feeling so safe nowadays -feeling they can do pretty much as they please. Especially Pierre Cardin. After 30 years, 70 collec-tions and 20,000 dresses. Cardin hardly qualifies as a couturier any more. He is an institution, and an incredibly wealthy man who owns Maxim's, more than 600 licenses and a large chunk of Paris real estate. There is a Cardin style, like there is a Saint Laurent style or a Chanel style. All it takes is a dedi-cated staff, fantastic workrooms and a collaborator like André Oliver, who designs a good part of the Cardin collection.

Cardin revisited was pleasing to the eyes and a lot softer than usual, qualifying as pretty, even romantic. The scalpel tailoring was still around, but everything was looser, with bloused jackets, draped dresses and floating panels. There was a lot of air between the clothes and the body, and a feeling that women did not need to starve themselves to

There was also a strong whiff of the 1920s: Flapper dresses, with pleated, swirling hemlines, became sequined for evening and punctuated with huge organdy bows.

Cardin's fascination with sleeves showed up in a group of six suits, with wide shoulders and all with different sleeves. The coat story,

YEAH, MAN.

I ASKED GIVE IN

TO HIM, BUDDY!

**DOONESBURY** 

YOU SAY IF YOU SOMETHING HAD A

burgundy paisley suit — "Scher-put it, the Giscard d'Estaings" se-rer?" "Naturellement" — the for-clusion period is over." most interesting around, came off best in two beautiful pieces cut on Politics aside, French couture is the bias, with pleated fronts.

The fabrics were exquisite, the workmanship up to par and the

Scherrer went to Japan in November and is not about to let anyone forget it. To strains from "Madama Butterfly," he showed a heavily lacquered collection, start-ing with an oilcloth fabric that he found in Japan and fell in love with. He used it for everything from suits - short and sexy - to This may explain why Paris cou-draped obis in red or black. The models were pointed, lac-

quered straw mandarin hats, spiky chopstick-like jewelry, even lac-quered-lace gloves. The Oriental influence continued in a Suzy Wong world with Chinese dresses slit to the sides and the kind of embroidery usually found in Hong Kong kimonos.

The ending was another fantasy - crystal-encrusted caftans that are sure to sell in the Gulf countries, where Scherrer has a staunch

Here, as at Cardin's, the colors were explosive and sharp. Purple, red, yellow, green and orange alternated with soft shades such as vanilla and pistachio.

At Dior, as long as Princess Caroline of Monaco is around, Marc Bohan won't have much to worry about. Looking slim and pretty, her hair in a ponytail, the princess came with her husband, Stefano Casiraghi, and sat next to the French rock star Sylvie Vartan, another Dior fan.

Dior is under new management: Paul Audrain is the director, following Jacques Rouet, who was there 47 years. A spokesman said Dior's 1984 couture figures were up 57 percent from 1983.

One wonders if 1985 will be as good. Even a faithful follower such as the American socialite Carroll which continues to be one of the Pietrie, who said she had been

DON'T LET

HIM PUSH



dressing at Dior since the house opened, had a hard time defending. Charlie was asked to come into the this collection. "It doesn't look like. Cotton Club but he was making so couture," she said, adding: "I'll find something. I always do."

Bohan made a fair beginning -gray suits, with Tahitian shirts con- Duke Ellington instead. We had a trasting with the menswear fabrics. very underrated band, ask Benny The second part of the show -Carter - used to sit right next to including messily draped dresses, me slouchy big shirts and hemlines neither here nor there - frankly bands to record for RCA Victor in floundered. But the end, with its 1926. It was racism too, but one embroidered evening dresses, may put this collection back in the black.

reason Negro bands didn't record earlier was because they weren't good enough. I say what I think.

FIGHT BACK? FORGET YOUR DAYS

IT, MAN. OF TERROR

I JUST ARE OVER!

QUIT. HEAR, PUNK?

## Benny Waters Recalls' 20s Harlem, Paradise Club, Jamming With Krupa

By Michael Zwerin

International Herald Tribune D ARIS - Benny Waters, 83 last week, came in on reeds with Charlie Johnson's big band at Ed Small's Paradise club in Harlem for 10 years starting in the 1920s. He says he was disappointed with Francis Coppola's film "The Cotton Club" because "Small's Paradise was not even mentioned and anybody who knows anything about Harlem show business

knows that we had a better show."
Waters recalls: "The Cotton Club may have had the most beautiful Negro girls in Harlem, but we had the best dancers. The Cotton Club was more prestigious, more expensive, but ordinary people preferred Small's. You know, popular people. We were packed every night. We had 40 entertainers. Charlie Johnson hired and fired

Charlie Johnson had so much money, he bought two different arrangements of "Rhapsody in Blue." Johnson would buy an arrangement from anybody who brought in something nice. Waters has been telling people for years how Johnson's pockets were "burn-ing," "It was never printed anywhere, not even the Down Beat, but finished, I got this in my book. much running the whole show at Small's that he didn't want to move for just leader money, so they hired

"We were one of the first Negro

THIS IS CRAZY. TAKE THE

I DON'T QUANT IT! GET AWAY FROM ME,



Benny Waters

Negro jazzmen, fantastic. The best. But when Negro musicians said white bands didn't sound good, they were prejudiced too. At the beginning, before we had the chance to go to the conservatory, sometimes our tonation wasn't good enough. We could swing bet-ter and we had better soloists, but white bands had better tonation."

Waters spent extended periods with Fletcher Henderson, Jimmie Lunceford, Claude Hopkins and Hot Lips Page before arriving in Paris in 1952 with the Jimmy Archey Dixieland band. "Europe was good to me right away. I found a very nice girl. I went from one nice girl to another nice girl, and I still have a nice one. I work in 11 countries a year, 13 if you count Scotland and Wales as countries."

A hand-printed legend taped over the bathroom mirror at his studio in a 20th arrondissement high-rise reads: "You can't keep the sun from rising." The studio is so small, his saxophone seems to take up about half of it. Now he is home more, he admits to "slowing down lately."

He can still stretch exciting energy out of a standard, though, stylistically somewhere between Ben Webster and Johnny Hodges. He 26.

admits to having been a "juice-head," an alcoholic, until becoming a Christian Scientist in 1935. He describes himself as a "tortoise that

just keeps moving along."

"I like to keep working. Here in
Paris I worked for 10 years at the
Cigale in Monthstre. A lot of people said, 'Well he can't play the saxophone because he's playing at the Cigale with those Martiniques and that's not a real jazz club, they're not real jazzmen,' and so on. So the Blue Note wouldn't hire me. But then when the Blue Note closed, I was still working.

"See, it all has to do with prestige. The Cigale had no prestige, just good music. Like the prestige was at the Cotton Club but the real show was in Small's. I wish I had 1.000 francs for every time Jack Teagarden sat in with us. Miff Mole, Jimmy Dorsey, Gene Krupa - all those guys would come up and jam."

A self-described prodigy, playing piano at age 3 in Pennsylvania, where his auni raised him, he studied the classics but, "well, man, when I went into jazz clubs and saw all that whiskey and those beautiful women. I mean — .

"But I did study. I learned classical saxophone, not tout a fait classical, stuff like 'Nola.' I was in this band in Boston that played on the radio for the Howard Clothing Company — no jazz, just show tunes — three times a week and people came to take lessons. I had over 60 pupils when I was 18. People weren't used to a Negro playing that type of music on a saxophone. "I went to New York to join Charlie Johnson's band. The pay was \$70 a week, but I was making so much recording on the side with Joe [King] Oliver and writing arrangements for Charlie that some-times I didn't draw my salary till

"Girls would come in to try out, dancers and singers. They'd say, 'You know "Sweet Georgia Brown? Now everybody knew 'Georgia Brown,' but Charlie said, 'You got music? No? We need music.' So they would ask, well, where could they get the music? And Charlie said, We got some good

9 in the moraing. "That's how it used to be in Har-

lem. And I was right there. See, a lot of things kids are anxious to do today, I've done all that."

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| Span                        | Ftas                             | 17 400                            | 8 700                      | 4,800                       | Address                                                                                                                                        |                                                          |                                    |                             |
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\* Vollar Rates

the end of the season.

arrangers in the band. "Small's closed at 4. Then we'd go out. I like to go out, I still go out a lot It was nothing to get home at

Benny Waters: Paris, Slow Chib, Feb. 5-9; Petit Opportun, Feb. 23-

#### **FUTURES AND OPTIONS**

## **Cotton Exchange Devises** A Contract on the Dollar

By H.J. MAIDENBERG New York Times Service

FW YORK — If the main purpose of trading futures on commodities or any other market instrument is to earn dollars or hedge against changes in their value, then why not eliminate all the intermediate steps and

simply trade the currency?

Last Wednesday, the New York Cotton Exchange announced plans to do just that, and if, as expected, government regulators agree, hedgers and speculators should be able to trade futures on the dollar itself by early summer.

Cone will be the need according to the Cotton Exchange as

Gone will be the need, according to the Cotton Exchange, to indirectly take positions on the dollar's value by using futures on

Exchange officials

trading orange juice.

say they were

going nowhere

foreign currencies or the various financial-debt instrument contracts introduced for that

purpose since 1971. "For the first time, the futures market will be exposed to an instrument that looks, feels and trades like the dollars in our pockets," said Adolf G. Reinhardt, chairman

-1 6. 24. 35.

of the exchange. "Given the fact that the dollar is now the global currency, the potential of our proposed market is enormous." Mr. Reinhardt may be excused for a bit of hyperbole. What would actually be traded are futures contracts based on the Federal Reserve's trade-weighted dollar index, which is calculated using a basket of 10 major foreign currencies. While the index was created by the Federal Reserve, the Fed will have nothing to

do with its computation for the Cotton Exchange. The exchange plans to calculate the index itself using the Fed formula and to update it continuously during the trading day.

The dollars that would actually change hands will go from the losers to those who were on the right side of the market when the contracts expire each March, June, September and December.

The mechanics of the dollar-index futures will be quite similar to those on Eurodollars, Treasury bills and the foreign-currency contracts now being traded.

UT why was it that the Cotton Exchange and not one of the big Chicago markets, which pioneered financial fu-tures, came up with the idea? The question was answered by the man whose idea it was, Paul Tudor Jones 2d, president of Tudor Investment Corp., commodity-trading advisers.
"Our 115-year-old futures exchange may be the oldest in New

York, but, frankly, wasn't going anywhere trading cotton, frozen orange-juice concentrate and liquid-propane futures," Mr. Jones noted. "At the same time, our lean, hungry and frugal exchange had amassed plenty of cash over the years. I and many other members thought it was time we did something innovative.'

What Mr. Jones did not say was that the industry knew that Chicago's ever-innovative exchanges were working on new ways to trade and speculate on the dollar.

Among the ideas being discussed there are futures on the European Currency Unit, or ECU, which is a basket of tradeweighted currencies that is increasingly being used to denominate bonds and other debt issues. Chicago's innovators are also working on futures based on the International Monetary Fund's special drawing rights, or SDR's, which are another surrogate for

Rather than devise new ways to trade the dollar, which has become the most important influence in most futures markets. Mr. Jones came up with the idea of trading the dollar itself last

The contract was designed by Mark Powers, president of Powers Research, of Jersey City, New Jersey, who designed the bill futures contract and helped devise several other financial contracts. Before that, Mr. Powers gained wide respect in the industry as the Commodity Futures Trading Commission's first chief economist.

"I believe that the dollar-index futures will prove to be far (Continued on Page 13, Col. 1)

#### **Currency Rates**

Late interbank rates on Jan. 28, excluding fees. Official fixings for Amsterdam, Brussels, Frankfurt, Milan, Paris. New York rates at

|             | 8        | •       | D.ML     | F.P.    | · 12.L   | Øldr.   | B.F.             | S.F.    | Yen              |
|-------------|----------|---------|----------|---------|----------|---------|------------------|---------|------------------|
| Amsterdam   | 3.5825   | 3.988   | 113.06 * | 36,985  | 0.3834   | _       | 5.651 *          | 134.52  | 141.00 Y         |
| Brussels(a) | 63,3938  | 70.5688 | 20.80    | 4593    | 3.246 *  | 17.4878 |                  | 23,7975 | 24,935 *         |
| Frenkfort   | 3.1698   | 3.525   | _        | 32.705  | 1.623 x  | 88.46 * | 5.007 *          | 118,99  | 1.2515 *         |
| London (b)  | 1.111    | _       | 1.5263   | 10.7345 | 2167.65  | 19783   | 70.365           | 2,9578  | 282 285          |
| Allien      | 1,951,75 | 217280  | 616.15   | 281.55  | ·—       | 545.24  | 30.619           | 73343   | 7,579            |
| NewYork(c   |          | 1.1177  | 3.16     | 9.4635  | 1,951,20 | 1.5725  | 43.43            | 2,6575  | 254.00           |
| Peris       | 9.49     | 10.78   | 3,0576   |         | 4.962 X  | 27845   | 15.29 *          | 10      | 3.8T 18.6        |
| Tokyo       | 254,225  | 281.87  | 20.25    | 26.23   | 13.07 *  | 77.01   | 401.00 -         | 95.56   |                  |
| Zurich      | 2.4633   | 29471   | 84.165   | 27.495  | 0.1365   | 74.38 * | 4205 *           |         | 1.0476 *         |
|             |          | 0.6294  | 2.2281   | 4 Time  | 1.367.72 | 2.5088  | 44.3967          | 1 8460  | 178,113          |
| 1 ECU       | 0.7007   |         |          |         |          |         |                  |         |                  |
| 1 SDR       | 0.574049 | 0,87898 | 3.09657  | 9.43853 | N,Q.     | 3.4895  | 61 <i>.738</i> 7 | 2.5947  | 247. <b>7</b> 91 |
|             | •        |         | D-I      | lar V   | _1       |         |                  |         |                  |
|             |          |         | DOI      | ME V    | alues    |         |                  |         |                  |
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o) Commercial franc (b) Amounts needed to be built of 100 (x) Units of 1,800 (y) Units of 10,800 sted; N.A.: not aw nut: na auteur (n.c. no avenum. Sources: Banque du Benetor (Brussels); Banca Commerciale Italiana (Milon); Chemica Bank (New York); Banave Haftonale de Paris (Poris); IMF (SDR); Banque Arabe el Internationale d'Investissement (dinor, rival, dirham). Other data from Reviers and AP.

de stat

**Interest Rates** 

**Eurocurrency Deposits** Rates applicable to interbank deposits of \$1 militan minimum (or equival

Sources: Morgan Guaranty (dollar, DM, SF, Pound, FF); Llayds Bank (ECU); Chibank (SOR). Jan. 28 Asian Dollar Rates

the use of microchips, a survey of factories in the three countries ource: Reviers Key Money Rates Close Prev. Britain United States g Bonk Base Rate
64 Coll Meney
1002 91-day Treasury Bill
1014 3-menth Interbank percent of West German factories Federal Funds 8 /186 042 9-1044 9-1044 7-95 7.87 7.63 7.61 7.90 7.60 7.85 7.72 use microchips in production and Broker Loan Rate <u>Japan</u> Comm. Paper, 38-179 days 43 percent and incorporation in West Germany **Gold Prices** 5.50 5.55 5.85 5.90 6.00 5.50 5.55 5.85 5.90 6.00 cent and in products about six per-

AM. P.M. Chros 300,25 299.ES — 0.70 + 0.15 299.60 — 709.17 298.99 300.25 296.50 298.60 297.75 Luxembour9 Peris (125 kile) Zurich Landon - 0.47 290.50 — 0.50 297.75 — 1.10 302.90 + 2.50 New York 302,76 + 236 Official fixtures for Landen, Peris and Lixem-bours, opening and classing prices for Home Karls and Zurich, New York Comes current contract

All prices in U.S.S per ounce

One Month Intert

France

## Carbide's **Earnings Up in '84**

A Charge Taken For Bhopal Costs

Compiled by Our Staff From Dispatches
DANBURY, Connecticut —
Union Carbide Corp. reported
Monday that its 1984 earnings rose to \$323 million, or \$4.59 per share, despite an extraordinary charge of 25 cents a share in the final quarter to cover actual and anticipated costs in connection with the Dec. 3

leak of toxic gas in Bhopal, India. More than 2,000 people died in the central India city when methyl isocyanate, used in the production of insecticides, leaked from the Union Carbide plant there.

The extraordinary charge amounted to about \$18 million, said Stephen Galpin Jr., a Union Carbide spokesman, and did not include any liabilities that might arise from the accident.

The company said that in its counsel's opinion, no charge or accrual is required for any amounts that may become payable for liabilities arising from the Bhopal acci-

Excluding the charge, Union Carbide said it earned \$341 million, or \$4.84 per share, on sales of \$9.5 billion in 1984, compared with earnings of \$79 million, or \$1.13 a share, on sales of \$9 billion in 1983.

The 1983 results excluded a oneme charge of \$218 million, or \$3.11 a share, from the closing of certain production facilities, the company said.

Fourth-quarter net income for 1984 was \$31 million, or 44 cents per share, before the charge related to the Bhopal accident, and \$13 million, or 19 cents per share, after the charge.
Fourth-quarter operating earn-

ings a year earlier were \$28 million, or 40 cents a share before the non recurring charge, and a loss of \$111 million after that charge, the state-

Revenues in both periods were \$2.4 billion, the company said.

The company said its fourthquarter earnings reflected weak results in its petrochemicals and metals and carbon products industry segments and the impact of two

special charges. Those charges were a 38-centsper-share write-down of an investment in an olefins-producing comand a 10-cents-per-share charge related to the temporary suspension of operations at a Puerto Rican petrochemical facility.

by a gain of 22 cents a share from the liquidation of low-value inventories, the company said.

Domestic customer sales in 1984 increased 9 percent from 1983, while international sales, affected by divestitures and the strong U.S. dollar, fell 3 percent in comparison with 1983, the company said.

Export sales, included in domestic sales, increased 37 percent, (20 (AP, Reuters).

## A New Mood of Optimism in India

#### **Gandhi Election** Seen Giving Lift To Economy

By Roger Browning International Herald Tribune NEW DELHI - A general mood of optimism about the Indian economy has been given a lift by the strength of the election victory of Rajiv Gandhi's Con-

gress (T) Party. The new government is expected to push quickly ahead with the sort of industrial and trade-liberalization measures that were tentatively introduced during the last two years of rule by Mr. Gandhi's mother, Indira.

There is a great ferment of rethinking on trade, industrial policy and style of government toward less intervention," E. Bevan Waide, the World Bank's chief of mission for India, said in a recent interview. "This election increases the government's free-

dom to move And D.H. Pai Panandikar, secretary-general of the Federa-tion of Indian Chambers of Commerce and Industry, said, My expectation is that there will be substantial liberaliza-

Mr. Panandikar pointed out that on his first day in office, Mr. Gandhi introduced a one-step procedure for monopoly clear-ance for large companies, which he said would cut bureaucratic delays in starting new ventures by up to six months.

Mr. Gandhi has since an-

nounced that customs duties on computers would be reduced from 65 percent to 5 percent, opening the field to imports of technology and allowing foreign collaboration.

"With Mrs. Gandhi as Congress (I) leader, liberalization was at the periphery," Mr. Pan-



andikar said. "But these are drastic measures, not tinkering."

He said the new leadership is more dynamic in outlook and has different notions about what progress means: that it should be based on modernization; that we should have new technologies; that we should be competitive; that government should not be procedure-oriented but resultoriented and that people should

He said there are good signs that the new leadership would favor policies that are likely to step up the rate of development. From the mid-1960s until the

mid-1970s, the Indian economy's growth rate was stuck at around 5 percent a year. T.N. Nainan, executive editor of the respected news magazine India Today, said, "This became

known as the 'Hindu rate of growth.' Whatever you did, it did not seem possible to cross that level. But the Hindu rate has been broken." But in the last decade, he said.

growth has been running at more than 4.5 percent, and is poised to grow at a much faster rate.



E. Bevan Waide

"Government policy is no longer a hindrance," he said.

He said that investment is running at 22 percent to 23 percent of gross national product, and is expected to go higher, and indus-trial growth this financial year might reach 7 percent, compared to about 5 percent last year. In agriculture, an estimated 153 million tons were harvested

in 1983-84, and the next crop is also expected to be good, he said. Mr. Nainan said that poverty, however, is still a major issue. Most estimates are that about half the population still have incomes below the poverty line. He said that because of auto-

mation and the growth of popuiation, the percentage of employ-ment in organized industry had remained virtually stagnant for

Small industry, however, which is less capital intensive, is a success story, he said, rising from a few thousand businesses 20 years ago to about 600,000 to 800,000 today. But 80 percent of the popula-

tion still lives in the villages. Be-(Continued on Page 9, Col. 6)

## AT&T Posts Net **Below Forecast** At \$1.38 Billion

NEW YORK - American Telephone & Telegraph Co. said Mon-day that it earned almost \$1.4 bil-lion in 1984, its first year of operations after giving up its regional telephone compani But its chairman said, "We ex-

pected to do better." In November 1983, before the breakup of the Bell System, the company had projected a profit of S2.1 billion, or \$2.02 a share, for 1984. However, it reported profit of \$1.38 billion, or \$1.25 a share, on sales of \$33.19 billion for the year. In the final quarter, profit was

\$379 million, or 34 cents a share, on revenue of \$8.41 billion. Because of the divestiture of the operating telephone companies of year, the 1984 results are not comparable to any 1983 periods.

its long-distance, equipment manufacturing and research operations and was also freed to venture into outstanding in the 1984 fourth quarter and 1.01 billion outstanding in the full year. After the divestiture, AT&T kept

"We expected to do better," said Charles L. Brown, AT&T's chairman. "We intend to do better in 1985 and better still in the years

In the meantime, he said, "AT&T remains a financially strong company with nearly \$40 billion in assets and excellent pros-

pects in rapidly growing markets."

AT&T said Monday that the forecast it originally made for 1984 was based "on the best assumpters. Regulatory decisions did not match those assumptions, and as

not expect to earn the level forecast

The company complained of delays by the Federal Communica-tions Commission for resolving a dispute on the fees paid to local telephone companies for access to

Mr. Brown said problems related to divestiture were some of the factors bearing on the company's fi-nancial performance last year. He said that some other influ-

ences on AT&T's financial results "reflect gains made by competitors in markets where we had previously faced little competition. Some were the results of regulatory rulings. Some were of our own making."

The company earned \$227 milthe Bell System at the start of last lion, or 20 cents a share, in the first quarter of 1984; \$456 million, or 43 cents a share, in the second quar-ter; and \$317 million, or 28 cents a

ing in the full year.

Mr. Brown pointed out that customer demand for AT&T's flagship products was strong in 1984, a year that established a basis for the sucessful transformation of the company.

He added that AT&T Bell Laboratories maintained its leadership in research and development last

The government appeared willing to modify outdated regulations, and AT&T personel demonstrated tions possible at that time, particu- the ability to be competitive by larly with regard to regulatory mat- lowering costs and improving mar-

## Florida's Citrus Fruit Growers Bonn's Current-Account Surplus Up Race to Beat Freeze Embargo

MIAMI — Growers in Florida the start Monday of a weeklong reputation of the state's citrus fruits, damaged by severe winter weather conditions.

The embargo, adopted in an emergency meeting Thursday of the Florida Citrus Commission, after he used my big allotment of after he used my big allotment of was scheduled to begin at 7 A.M. Monday. Any citrus certified free These charges were partly offset of freeze damage, packed and y a gain of 22 cents a share from ready for movement before then to liquidation of low-value inventors could be shipped. Growers had laborers picking

fruit Sunday, trying to get the fruit to processing plants before they closed and state officials stopped inspecting at midnight. "They're working seven days a week," said Jerry Chicone of the laborers. He owns 500 citrus acres

shut down as early as Friday when raced to harvest their fruit before the pace of emergency harvesting outstripped the capacity of ship-

> after he used up his allotment of An arctic air mass last week caused what officials said was the

than ever before. The weather boosted fruit and vegetable prices and put thousands of farm workers

worst Florida freeze of the century, reaching farther south in the state

The Florida Department of La- calculated on the basis of exports bor estimates that as many as increasing 13 percent from 1983, to account surplus widening to uct for 1985. The economy grew 2.6/
12.000 farm workers in southwestem Florida may be out of work. ing 11 percent, to 434.2 billion DM. and expects the trade surplus to 1983.

## By Warren Getler

International Herald Tribune
FRANKFURT — West Germany's current-account surplus rose to 17.9 billion Deutsche marks (\$5.6 billion) in 1984, the highest level since 1978, as a weakened "They weren't accepting any more fruit as of Friday afternoon," said Philip Street, and Philip Street, and Philip Street, and Statistics Office reported Monday.

The surplus in the current account, the broadest measure of lower trade-deficit figures because, from the 10.3 billion DM surplus in said. 1983, but fell just short of the re-cord 18.1-billion-DM current-ac-count surplus posted in 1978. These economists are optimistic about West Germany's chances to widen both its current-account and Economists had anticipated a 15-

billion-DM surplus.
The merchandise-trade surplus, up, from 42 billion in 1983, was are now convinced.

optimistic expectations," said

German bank said privately, however, that euphoria over the results 65 billion DM, and the current-"We would be happier if West Germany had more modest surplu

trade performance which includes as our surplus grows, the U.S. defimerchandise, services and mone-cit widens and threatens world ecotary transfers, was up 73.8 percent nomic recovery in the long run," he

merchandise-trade surpluses this year, on the assumption that the dollar will remain strong as many

Mr. Kupper foresees the current-

"The current-account surplus grow to between 55 billion and 60 was certainly better than the most billion DM.

Herbert Wolf, chief economist at Hans-Georg Kupper, senior economist at Dresdner Bank AG. optimistic view. "We expect the One economist at a major West trade surplus to increase by some account surplus to grow by 8 billion DM, to about 25 billion DM."

But Mr. Wolf noted that the Decamber trade-surplus ligure, 're-ported by the statistics office Monday to be a provisional 6.1 billion DM, was down from the record 7 billion DM surplus reported in No-

Exports, which are projected to grow between 6 percent and 7 percent this year, are seen in combination with capital investment as pro-viding the chief impulses to a projected 2.5 to 3 percent rise in West German gross national prod-

## American National Gets Boost as Rivals Suffer

were mired in trauma and uncertainty, American National Bank & Trust Co. of Chicago, the city's fifth-largest bank, put together a record year by capitalizing on the problems of its hometown competi-

It did this by continuing to do what it does best: serving the highly profitable "middle market" of small and medium-sized compa-

So successful was 1984 for American National that its earnings jumped by 32 percent, its client roster by more than 20 percent and its loans outstanding by 30 percent. leading banker for the city's In addition, First Chicago Corp., sprawling middle market — an estithe city's largest bank-holding mated 5,500 companies with annucompany, impressed by American al revenues ranging from \$5 million National's record, acquired the to \$150 million.

LONDON - French industry

lags West Germany and Britain in

The survey, conducted by a group of independent research

bodies including Britain's Policy

Studies Institute, found that 47

13 percent incorporate them in

In Britain, use in production was

products was 10 percent. In

France, use in production 35 per-

showed.

their products.

By Steven Greenhouse

New York Times Service

CHICAGO — Last year, when most of this city's major banks were mired in trauma and uncer
bank from Walter E. Heller International Corp. last May.

"Growth this past year has come in a very big way," said Michael E. Tobin, 59, the chairman of American National Corp., the bank's

(200 hectares) near Orlando, Flori-

holding company.

But if Mr. Tobin relishes the bank's expansion, he is also wary of it, noting, "We are mindful of the dangers that rapid growth can create." He has only to look down LaSalle Street, this city's answer to Wall Street, to Continental Illinois National Bank & Trust Co. for a reminder of how rapid growth can

fell a bank. Until the federal government rescued it from collapse last May, Continental Illinois was easily the

"Quite a few banks have taken advantage of Continental's adversity, but I don't know anyone who has done it more effectively than American National," said Stuart I. Greenbaum, a professor of finance at Northwestern University's Kellogg Graduate School of Manage-

Indeed, one official at American National, which has \$3.8 billion in assets, estimated that 65 of Continental's middle-market customers in the past year switched to his bank. That raised American National's roster to 1,200 customers
— mainly middle-sized companies, but also many law and accounting

This year American National which had about 16 percent of the middle market in 1983, hopes to surpass Continental, which had more than 20 percent before its



Michael E. Tobin.

The middle market that American has chosen as its niche has become increasingly attractive to other banks, too. Much of the na-(Continued on Page 13, Col. 2)

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French Plants Lag in Chip Use

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A report on the survey said that industrialists in all three countries complained of a shortage of micro-

cent, according to the survey,

whose results were released Sun-

electronics experts. It found that three-fourths of the factories using microelectronics reported no change in the size of their work forces.

using microchips more than its British and West German rivals. FOREIGN & COLONIAL RESERVE ASSET FUND

The French vehicle industry was

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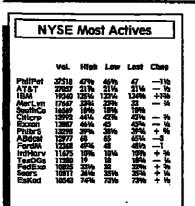
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Stocks Mixed in N.Y. Trading

United Press International
NEW YORK — The stock market turned mixed late Monday, after blue chips backed away from all-time highs.

The Dow Jones industrial average was down 1.77 to 1,274.29 about an hour before closing.

The Dow had been up more than 8 points and

within striking distance of its all-time high of 1,287.20 before reversing direction. Advances led declines by a 3-2 ratio among

Although prices in tables on these pages are from the 4 P.M. close in New York, for time

the 2,002 issues crossing the New York Stock

The five-hour Big Board volume amounted to about 109.85 million shares, compared with 101.56 million in the like period Friday.

Prices were higher in active trading of American Stock Exchange issues. Analysts said some corrections could be ex-

sected along the way as the stock market drove nigher on an improved economic outlook. The Dow had gained 48.70 last week and more than 90 points in the past three weeks.

John Smith of Fahnestock & Co. said a general feeling of confidence was driving the stock

market higher. "Confidence is the most important ingredient in a market such as this, as long as you have confidence and enough funds they'll be in here buying stocks," he said.

Mr. Smith said pessimistic economic forecasts late last year deterred investors, and now

with the outlook for a growing economy funds are finding their way into the stock market.

He said the stock market also was enjoying the benefit of international interest. "Important money has no other place to go," Smith said. He said the rally would continue for a long time "and whatever corrections you get will be

Hildegard Zagorski of Prudential Bache said the strength of the stock market has been due to the end of fears which surfaced late last year that the economy was about to slip into a

She said if oil prices slip further in the spring, the positive effect on inflation will be another

shot in the arm for the stock market. At an OPEC meeting in Geneva on Monday there were new signs of disarray when the United Arab Emirates oil minister briefly left the session complaining about the actions of Nige-

Last October, Nigeria dropped its prices to match cuts by non-OPEC Britain and Norway. After the stock market closed Friday, Salomon Brothers economist Henry Kaufman said the Federal Reserve may cut the discount rate from its present 8-percent level.

He said last week's report of a drop in the money supply indicated the strong money growth seen in December had slackened.

On the trading floor, AT&T was near the top of the active list and off a fraction. AT&T reported earnings of 34 cents per share for the fourth quarter and \$1.25 per share for the full

General Motors was up a fraction at midday, while Ford and Chrysler moved lower.

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## Sales Higher at Swiss Chemical Firms

clude Ciba-Geigy and Hoffmann-sales, he said. Sales of agrochemical La Roche & Co., have reported sharply higher 1984 sales, due mainly to the benefits of the rising sharply higher 1984 sales, due for higher crop planting.

Sales at Ciba-Geigy, by far SwitU.S. dollar and the world economic zerland's largest chemicals con-

Analysts predict that the indusreases in revenues and expect the companies to reward their shareholders with higher dividends. The main chemical groups, all located in Basie, are highly exportoriented and account for more than

States a key customer. Yves Sohrmann, of the Swiss Chemical Industry Association, acknowledges that the strong dollar helped to make Swiss goods attractive last year. "But it was a genuine

recovery," he says.

**COMPANY NOTES** 

ZURICH - Switzerland's larg- in demand for textiles were imporest chemical concerns, which in- tant factors behind the higher 1984 products also rose to meet demand

cern, rose 19 percent, to \$6.6 billion (17.5 billion Swiss francs), in 1984. try's profit rises will outstrip in- Hoffmann-La Roche's sales rose 10 percent, to \$3.1 billion, while revenue at Sandoz Ltd., the third-largest group, was up 14 percent, to \$2.8 billion.

According to Claudio Werder who follows the industry for Bank 20 percent of all of Switzerland's J. Vontobel, the companies have prospered within the framework of restrictive government practices in

In Britain, for example, the government has ordered that drug prices be reduced while other countries, such as the United States, are The improvement in the U.S. promoting cheaper generic drugs full results in the spring.

But Mr. Werder says the groups are still marketing new products successfully, which is particularly important for Holfmann-La Roche, whose U.S. patent for the drug Valium expires next month. Valium is the trademark for the tranquilizer diazepam.

Some analysts predict that the 1984 profits of Ciba-Geigy, which began a belt-tightening program in 1981 to counter falling earnings, will be around \$380 million. Mr. Werder sees Ciba's profits sing to about \$403 million from

\$292 million in 1983. Part of Ciba-Geigy's turnaround program involved ridding the group of activities which were not compatible with its main product lines. Most recently it sold Airwick, brand-name toiletry products subsidiary, to Britain's Reckitt & Colman group for \$190 million.

#### Honda Studying New Bond Issues

TOKYO - Honda Motor Co. is considering going to the domestic and foreign-bond markets for funds to produce a new car model to be developed jointly with BL PLC, a compa-ny spokesman said Monday. However, he declined to con-

firm a newspaper report that

Honda plans to come to market with three issues in late March. According to the report, the ssues will be a 35-billion-yen (\$137.8-million) six-year convertible bond domestic issue; a 200-million-Deutsche-mark (\$63.3-million) live-year bond issue with warrants in West Germany, and a 100-million guilder (\$27.8-million) five-year bond with warrants in Holland. Honda last raised funds in the capital markets in 1983.

## **Hong Kong** Office Tower Contract Let

HONG KONG — Hongkong Land Co. said Monday that it has awarded a contract valued at 128 million Hong Kong dollars (\$16.4 million) to Gammon Ltd. for the construction of the third tower of the Exchange Square project on the

Work on the third tower, which will include office, retail and park-ing space, will start March 1 but detailed architectural plans are still to be completed. The estimated cost of the tower is 750 million Hong Kong dollars, including fees

The entire Exchange Square proect is expected to be completed in

The company said the decision to go ahead with the third tower was positively influenced by the cash sale of its 34-percent stake in Hongkong Electric Holdings Co. for 2.9 billion Hong Kong dollars

David Davies, the company's nanaging director, said the receipt of the cash meant that the company's total debt was reduced by about 20 percent, to 14.5 billion

He said the company's debtequity ratio is now less than 1:1, adding that the projected surplus cash flow from operations will now be sufficient to support the pro-posed capital expenditure.

## Gandhi's Proposals for the Economy Generates a New Optimism in India

(Continued from Page 7) cause pressure on land is so enormous, people should be guaranteed work on public projects, he sug-gested, or given low-interest bank loans so that they can take on income-generating industries.

But Mr. Panandikar says he is against sponsorship, which he argues would promote an uneconomic scale. Liberalization of government regulations will allow large industries to grow and the ancillary industries on which they depend, which are much more labor-intensive, "will come about on their

own," he says. He also said that poverty exists not because of unemployment but because of low-productivity unemployment. "If a man looks after one cow, he thinks he is employed." Mr. Panandikar said. "But he could look after 10 cows."

Liberalization is also the answer to corruption, Mr. Panandikar ed to rise by 19 percent...

He said that estimates of India's "black economy" --- the portion of the economy carried on beyond official eyes - range from 5 percent of gross national product to 40 per-

corruption, but a lot is due to the very controls that have been brought about to check the black economy," he said. "If you inter-vene with market forces, you get into a situation where legitimate

profits become illegitimate gains." Mr. Nainan said that a govern-Mr. Nainan said that a govern-ment study of the black economy is India had a trade deficit of more

life. I can't see the government coming up with a solution." On this score, he said, Mr. Gandhi is an

Mr. Panandikar said that India's immediate problem is on the export front. While India is liberalizing its import policy, "the rest of the world is moving toward protectionism," he said.

He said there is likely to be a record balance of payments deficit of 60 billion rupees (\$4.7 billion) in 1984-85, on the basis of the current

Added to this, he said, is the problem of short-term, high pay-ments on a \$4-billion loan from the International Monetary Fund and repayments to the World Bank.

nounced soon and which starts on April I, total investment is expect-

to the rate of fixed internal savings, which are expected to rise and gen-erate the rupee finance required. But the country would still have to exception, and that loans in the depend on external borrowing, es- previous year totaled \$2.1 billion. pecially for foreign exchange.

of larger commercial borrowing he said. But he added that publicsector projects such as power stations and telecommunications. where the return is low, cannot be countries, he said.

due to be released soon. But, he than 50 billion rupees.

production has risen from 10 million tons in 1979-80 to about 30 million in the current year. This imports, but oil still makes up more than half the trade deficit and new

Lending by the World Bank's soft-loan affiliate, the International Development Association, although cheap and long-term, is almost half what it was a few years ago. India is getting more from the World Bank, but the cost of that lending has gone up and it has to be repaid quicker, he said.

He said that the debt-servicing burden as a percentage of foreign exchange earnings is expected to rise from 10 percent or 11 percent He said that under the seventh in the early 1980s to about 20 perfive-year plan, which will be an- cent by the end of the decade. "This is going to be a big drain and strain," he said.

Mr. Waide said that World Bank The total expenditure is related commitments to India for 1984-85, at around \$2.5 billion, are down from \$2.7 billion the previous year.

He said the IDA side was going "I don't rule out the possibility down, but there was a limit to how much the World Bank side could go up. The bank does not want to have more than 40 percent of its portfolio in the five largest borrowing

India's share of IDA borrowing had dropped markedly, to 27 percent, but he said this was because China became a borrower again in

wan said that it will soon sign an accord on joint oil exploration in Indonesia's Nauka field with Conoco Inc., Texaco Inc. and Chevron Corp. of the United States, Cie. Française des Petroles SA of France and an unnamed Canadian

20-percent stake Eastern Air Lines, the Floridabased carrier, said its three main unions have agreed to start talks on a new plan to help the airline make

Nestlé Says

**Sales Rose** 

lowed a refund of January paycheck deductions to employees. In protection from creditors under Chapter 11 of the U.S. Bankruptcy Act when union and nonunion workers agreed to a bailout plan. company. CPC will invest \$4.8 mil-lion in the venture, in which it has a reached a tentative agreement cov-

General Motors Corp. and the reached a tentative agreement covering nearly 5,000 hourly workers 7.4 percent. at plants in Kentucky and Missouri, ending strikes which had halted

1984 9.0 1.25

cord with a group of 23 Japanese tions, according to the lead manager, Bank of Janan Ltd. The 10-year loan, guaranteed by the Ouebec government, carries interest at 0.2percentage point above the Japa-

PHB Weserhütte AG, the West German heavy engineering con-cern, has won a 900,000-dinar production of some of the company's most profitable cars, GM said. (\$2.31-billion) contract to build a Hydro-Québec, the Canadian wharf and loading facilities at the

**Company Earnings** 

Revenue and profits, in millions, are in local currencles unless otherwise indicated

1994 24.3 0.94 1984 2.860, 2.7 2.05

1984 nets ext of 23 cents a sh

1984 1250 120 2,37 1984 1,230 1,610 10,87

1994 1724 22,72 1,09 1984 694,3 80,6 3,70

1967 451.0 52.0 125

utility, signed a 20-billion-yen Jordanian Red Sea port of Aqaba, (\$78.8-million) syndicated-loan ac- a Jordanian transport ministry official said. The project, to be completed this year, will increase Jordan's phosphate-export capacity by about 1.5 million tons to 6 million tons annually. Sanyo Electric Co. of Japan said

Hong Kong dollars. it has won an order for 12,000 highspeed and thermal printers worth 13 billion yen (\$51.2 million) from Benson Inc. of the United States. The contract covers three years with shipment starting this month.

> All of these Securities have been offered outside the United States. This announcement appears as a matter of record only.

> > New Issue / January, 1985

U.S. \$1,296,956,000

## Prudential Realty Securities III, Inc.

U.S. \$386,O49,OOO 11%% Guaranteed Sinking Fund Bonds Due January 15, 1992 U.S. \$545,691,000 121/4 Guaranteed Sinking Fund Bonds Due January 15, 1995 U.S. \$365,216,000 Guaranteed Zero Coupon Bonds Due January 15, 1999

Unconditionally guaranteed by

## Prudential Funding Corporation (incorporated in the State of New Jersey)

A Subsidiary of





Insurance Company of America

**Salomon Brothers International Limited** Prudential-Bache Securities International **Credit Suisse First Boston Limited** Hambros Bank Limited

Banque Bruxelles Lambert S.A. Merrill Lynch Capital Markets

**Deutsche Bank Aktiengesellschaft** 

Goldman Sachs International Corp.

Swiss Bank Corporation International Limited **BankAmerica Capital Markets Group** 

Morgan Guaranty Ltd

Morgan Stanley International

Union Bank of Switzerland (Securities) Limited

Algemene Bank Nederland N.V. Banque Nationale de Paris Citicorp Capital Markets Group

**Banque Paribas Capital Markets County Bank Limited** 

**Bankers Trust International Limited** Chase Manhattan Capital Markets Group

Dresdner Bank Aktiengesellschaft Mitsui Trust Bank (Europe) S.A.

Caisse des Dépôts et Consignations

Dai-Ichi Kangyo International

Gefina International Limited

Great Pacific Capital SA

Lloyds Bank International

**Enskilda Securities** 

Kleinwort, Benson Limited Samuel Montagu & Co. Limited

Crédit Lyonnais **Daiwa Europe Limited** Manufacturers Hanover Limited Nippon Credit International (HK) Ltd.

S.G. Warburg & Co. Ltd. Orion Royal Bank Limited Banca Commerciale Italiana Banca Nazionale del Lavoro

Bank für Gemeinwirtschaft

Yamaichi International (Europe) Limited Bank Gutzwiller, Kurz, Bungener (Oversess) Banque Internationale à Luxembourg S.A.

Banque Générale du Luxembourg S.A. Bank Leu International Ltd Banque de Neuflize, Schlumberger, Mallet **Banque Populaire Suisse SA Luxembourg** Baring Brothers & Co., Bayerische Hypotheken- und Wechsel-Bank

Cazenove & Co. CIBC

**Banque Worms Barclays Bank Group** Bear, Steams International Limited Creditanstalt-Bankverein Crédit Commercial de France

**DG BANK** Den norske Creditbank **European Banking Company** Genossenschaftliche Zentralbank AG

**Dominion Securities Pitfield** First Interstate Limited

Drexel Burnham Lambert Fuji International Finance Girozentrale und Bank der österreichischen Sparkassen

Kredietbank N.V. Kredietbank S.A. Luxembourgeolse Kidder, Peabody International McLeod Young Weir International Mitsubishi Finance International Limited

Mitsui Finance International The Nikko Securities Co., (Europe) Ltd. 'Nippon Kangyo Kakumaru (Europe) Limited Nomura International Österreichische Länderbank Norddeutsche Landesbank Sal. Oppenheim jr. & Cle.

PK Christiania Bank (UK) Limited Rothschild Bank AG J. Henry Schroder Wagg & Co. Sarasin International Securities Limited

Hill Samuel & Co.

LTCB International

Euromobiliare

N.M. Rothschild & Sons

Sanwa International Limited Schweizerische Hypotheken- und Handelsbank

Svenska Handelsbanken Group

Plerson, Heldring & Pierson N.V.

Smith Barney, Harris Upham & Co. Strauss, Turnball & Co. Sumitomo Trust International Limited Swiss Volksbank The Taiyo Kobe Bank (Luxembourg) S.A. Tokai International Limited

Vereins- und Westbank

Tradition International S.A. Westdeutsche Landesbank Girozentrale Yasuda Trust Europe Limited

#### 11.3% in '84 VEVEY, Switzerland - Group sales of Nestlé SA, the large Swiss food company, rose 11.3 percent in 1984 to 31 billion Swiss francs (\$11.7 billion), the company an-

In a press release, it also said that net profit, at 1,261 million francs year, was expected to "grow slightly faster" than the consolidat-

In 1983, Nestle's group revenue was 28.1 billion francs. Net profit rose to 1.26 billion francs from 1.10 It said the increase in revenue was not only due to the growth in

volume "but above all to the

strengthening of the dollar" against-"Thus, sales progressed in a very North America and Asia," the statement said. "The sales drop in Africa, as a consequence of foreign-exchange problems of certain countries, was compensated for in

other parts of the world." The revenue increase last year compares with a rise of only 1 percent in 1983. Nestlé, the world's largest food multinational, is expected to announce full details in

April.
The company pointed out that
Carnation Co. of Los Angeles and Hills Brothers Coffee Inc. of San Francisco, taken over this year by Nestlé, will be consolidated for the first time in the 1985 results. Carnation, which markets food and other dairy products, was acquired by Nestle for \$3 billion. Its 1983 sales totaled \$3.4 billion.

The takeover price for Hills Brothers Coffee, whose 1983 sales

totaled about \$350 million, was not (AP, Reuters)

### **Dunlop Shares** Are Said to Rise On BTR Bid Hope

Resters

LONDON — Shares of Dunlop
Holdings PLC are being sustained
by hopes of an improved bid from
RTR PLC, though uncertainty surPer Shore —
Year
Net Inc. —
Per Shore —
Year
Year results ments, dealers on the London Stock Exchange said Monday. Industry sources said the Wall Street dealer Ivan Boesky bought an unknown quantity of Dunlop shares late last week. Mr. Boesky, who also heads Cambrian & Gen-eral Securities PLC, a British-listed

struction plans, they added. A Dunlop spokesman declined Rovenia to comment on the Boesky initiaa press report that Dunlop's creditor banks have offered to revise the restructuring rescharge to the state of the state o restructuring package to give small shareholders the opportunity to subscribe for more shares than pro-

company, has asked the Dunlop

its financial position and recon-

board for more information about suits

posed so far, Dunlop shares ended Monday at 38 pence apiece in London, unchanged from Friday's close.

BTR, a London-based industrial holding company, announced Jan. 18 a £44-million (\$49-million) offer for Donlop. The offer came as Dunlop was seeking shareholder approval for a plan to raise £142;

## Japan Reports Sales Increase

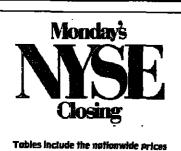
TOKYO - Japan's seasonallyadjusted department store sales index rose 1.4 percent in December over November, when it was down 0.8 percent from October, the Ministry of International Trade and Industry said Monday.

Gold Options (prices in 5/4 Prices Feb. May 12:0-15:00 24:9-26:00 25:00-26:3 25:-400 17:50-19:00 25:00-26:3 27:-400 11:50-13:00 19:25:30.7 27:-100 47:-6:25 10:50-12:0 0:10-0:50 27:-42: 7:50-9:0 Valeurs White Weld S.

|           |                                                                  | _           |            |  |  |  |
|-----------|------------------------------------------------------------------|-------------|------------|--|--|--|
| <u>-)</u> | STOCK                                                            | BID<br>US\$ | ASK<br>USS |  |  |  |
| -         | DeVoe-Holbein<br>International by                                | 5           | 6          |  |  |  |
| 0<br>5    | City-Clock<br>International av                                   | 2%          | 31/2       |  |  |  |
| 0         | Quotes as of: Jan. 28, 1985                                      |             |            |  |  |  |
| ١.        | Investors seeking above average<br>capital gains in global stock |             |            |  |  |  |
|           | markets can simply write us a note and the weekly                |             |            |  |  |  |
| -         | INVESTORS ALERT newsletter will be sent free and without         |             |            |  |  |  |

**USAIR Group** 

obligation. First Commerce Securities by PERSONALITIES PLUS Herengracht 483 MARY BLUME 1017 BT Amsterdam The Netherlands IN THE WEEKEND SECTION Telephone: (0)3120 260901 OF FRIDAY'S IHT Telex: 14507 firco nl



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SOYBEANS (CBT)

5,000 bu minimum-dollars 1,7,904

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CATTLE (CME)
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S&P 100 Index Options

Total call volume ISLES
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Source: CBOE.

NYSE Highs-Lowe

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CapChiles
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**Asian Commodities** Jan. 28

Pre-Bid N.A.

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Magazine Ad Revenues Rose Last Year in U.S. The Associated Press Export Contracts Rise

NEW YORK — U.S. magazine advertising revenue set record to-tals in 1984, the Publishers Infor-mation Bureau reported Monday. Revenue for the year climbed to \$4.6 billion, up more than \$660 million or 16.5 percent from 1983, the report said. There were 153,803 For Big Japan Traders Reuters

TOKYO — The value of export contracts won by 13 major Japanese trading houses in December rose 10.4 percent from a year earlier to \$5.39 billion after a 24.8 percent year-on-year November rise, the Japan Foreign Trade Council said Monday. The 13 trading houses represent about 50 percent of Japan's total exports.

December import contracts rose 1 percent from a year earlier, to \$7.89 billion. November import contracts were unchanged from a year earlier, the council said in a dvertising pages - up more than 12,000, or 8.5 percent.

Dhaka's Trade Gap Widens Reuters

2,365 2,375 2,420 2,440 2,440 2,456 2,450 5 tons

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2,380 2,375 2,408 2,498 2,436 2,434 2,457 2,444 2,463 2,450 2,470 2,454 2,460 2,455

DHAKA, Bangladesh — Ban-gladesh's trade deficit increased to \$113.6 million in September, from \$108.4 million in August and \$99.6 year earlier, the council said in a million in September 1983, a censurvey report.

**Czechs Report Economy** Grew 3.2% Last Year

Wer-the Cour

VIENNA - Czechoslovakia's 1984 gross national income, a measure similar to gross national product, rose by 3.2 percent, compared with a rise of 2.7 percent in 1983, according to government statistics issued Monday by the official Cetcka News Agency, which was moni-

Industrial production rose by 3.9 percent compared with a largeted rise of 2.5 percent and a 3-percent rise in 1983.

Agricultural output rose 3.6 percent in 1984, impared with a 2.2-percent rise in 1983. The ain harvest was a record 12 million tons and the production of sugarbeet and potatoes, hit by drought in 1983, also rose, the figures showed. cent of Czechoslovakia's foreign trade, with the Soviet Union having a 45.1-percent share, the

Czechoslovak exports grew by 10 percent and imports by 10.4 percent, with exports to Communist countries rising 12.1 percent and imports rising by 12.4 percent,

Exports to the West rose by 3.9 percent, more than planned, but the planned structure of

Czechoslovakia continued to export raw materials and low-technology goods instead of quality engineering products to the West, a report with the figures added.

in the Trib.

News hot from the trading floor in

Edward

Cash Prices Jan. 28 Mon 1.44 0.74½ 47:200 77-60 20-21 45%-07 5.7017 8.43 121-125 6.08 Year Ago 1.50 9.85 451.08 211.08 94-97 24-28 62-48 62-487 8.55 8.265 **Dividends** Jan. 28

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BILD Irishe The General Secretarist of The King Faisal International Prize, in Riyadh, Kingdom of Saudi Arabia, has the hounour to invite the Universities, Academies, Educational Institutions and Research Centers all over the World to nominate qualified candidates for : 1. The King Faisat International Prize in Medicine, which will be awarded in 1986. Topic: DIABETES! MELLITUS 2. The King Faisal International Prize in Science, which has been postponed to 1986. Topic: BIOCHEMISTRY (a) Selection will be according to the discretion and decision of a Committee consisting of National and International assessors selected by The Board of King Faisal International Prize. (b) More than one person may share each prize. (c) The Winner's names will be announced in December 1985 and the prizes will be awarded in an official ceremony to be held for that purpose in Riyadh, Kingdom of Seudi Arabia. (d) Each Prize consists of : (1) A certificate in the name of the winner containing abstract of his work that qualified him for the prize (3) A sum of three hundred fifty thousand Saudi Riyels (S.R. 350,000). (e) Nominees should satisfy the following conditions : A nominee must have accomplished an outstanding academic work in the subject of the prize leading to the benefit of mankind and enrichment of human thought. 2. The prize will be awarded for specific original researches but the life-time background of works will be The works submitted with the nomination for the prize must have already been printed and published. If possible, an abstract in Arabic should be attached if the works are published in any other language. 4. The specific works submitted must not have been awarded a prize by any international educational institution, scientific organization, or foundation. Nominations must be submitted by leading members of recognized educational institutions and of world-fame such as Universitties, Academies & Research Centers. The nominations of other indivi-duals and political parties will not be accepted. Nominations must give full particulars of the nominer's ecademic background, experiences and/or his/her publications, copies of his/her educational certificates, if available, and three 6 x 9 cms photo-graphs. The nominer's full address and telephone number are also requested. Non Dollar 7. The nominations and works in ten copies are to be sent by registered air mail to the address stated ISSENT/Mila CPA/Mail.
Anz. -77
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Bit Takyo -82/91
Bit Indexer Sid-14
Citicary 5.1/4 (ct-16)
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Cred Air Sid-19/7/5
Detimork 92/98-19
Kingdom Belglum 5-84
Linyts 5-86 The latest date for receipt of the full nominations with copies of works is the 3rd of August 1985.
The nomination papers received after this date will not be considered unless the subject of any prize is postponed to the following year. 9. No nomination papers or works will be returned to the senders. Enquiries should be made, and nominations should be sent, to the Secretary General of The King Fairal International Prize, P. O. Box 22476, Riyadh 11495, Kingdom of Saudi Arabia, Telex: 204667 PRIZE SJ.



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Following the success of our 1982 conference, we are pleased to announce a one day briefing session focusing on "Modernization: Priority for the French Economy". With the cooperation of the French Government, we have gathered together the key ministers most directly involved with policies affecting business activities in France. The program will include presentations by: Pierre Bérégovoy, Minister of Economy, Finance and Budget. Edith Cresson, Minister of Industrial Redeployment and Foreign Trade.

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An important aspect of the conference Additional insights will be provided by a the Aerospotiale plant in Toulouse. Full details will be sent to all participants registering panel of international businessmen and will be the extensive opportunities to engage bankers, including: Eric Bourdais de Charin informal discussion with the current policy for the conference. To register for this excepbonnière, S.V.P. and General Manager, makers and with other business executives tional conference, please complete and actively doing business with France.
On February 27, the Ministry of Industri-Morgan Guaranty Trust Company of New return the registration form today. York and Loik Le Floch-Prigent, Chairman Herald Eribune

nizing full day visits, exclusively for conference attendees, to industrial

al Redeployment and Foreign Trade is orgaplants including

question and answer period, and simultaneous French-English translation will be pro-

CONFERENCE LOCATION The conference will be held at: The Inter-Continental Hotel - 3, rue de Castiglione 75040 Paris Cedex 01 - Tel.: 260 3780 - Telex: 220114. A block of rooms has been reserved for participants at: preferential rates. For details please contact the hotel

of Rhône-Poulenc.

Each presentation will be followed by a

Participation fee: FF 2950 or equivalent per person lplus VAI 18.6% for registrations from France). The fee includes cocladis, lunch and conference documentation. included in the documentation will be a copy of the 1985 edition of the French Company Handbook, the only English language guide to French companies.

Diease invoice. \_\_ check enclosed Fees are payable in advance of the conference, and will be returned in full for any concellation that is postmarhad an or before February 15. Cancellations after that date will be charged the full fee.

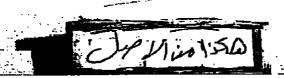
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## Syrian Oil Strike, Said to Be Huge, May Reduce Nation's Flow of Red Ink

By Charles P. Wallace Los Angeles Times Service

DAMASCUS - In remote eastem Syria, in a field behind a windblown gasoline station, a U.S. comnany has discovered an apparently significant amount of oil.

While neither the Syrian govern-ment nor the company, a Shell Oil Co. subsidiary, Pecten International Co., has released any details, diplomats and businessmen in Da-mascus estimate that the find will

eventually produce as many as 150,000 barrels of oil a day.

\$1.5 billion a year at current prices, at a time when Syria's economy is

There is persistent speculation that an infusion of petrodollars into the moribund Syrian economy may alter Syria's close relationship with Iran, which has been a major source of financial aid to the Da-

The oil discovery was made near the town of Deir ez Zor on the A discovery of such a magnitude Euphrates River, about 250 miles would have a value of \$1 billion to (400 kilometers) northeast of Da-

> Pecten has drilled three wells, which are each reportedly produc-ing 6,000 to 10,000 barrels a day. The oil is said to be extremely light and low in sulfur content, the two qualities of high-quality crude.

The Syrians also produce about 170,000 barrels a day of less valuable heavy crude in an operation

that was set up with the help of the Soviet Union.

Dutch/Shell Group and Deminex next year, rising to 150,000 a day by MbH, of West Germany.

According to a Syrian official, the government now expects to be-The Deir ez Zor exploration is a gin commercial production of joint venture of Pecten, the Royal about 35,000 barrels a day by early

Pecten took over exploration of To transport the oil to the sea, the area last year from another U.S. the Syrian government has given company, Syrian-American Oil Pecten permission to use a pipeline Co., a subsidiary of Coastal States Gas Corp., which concluded after troleum Corp. but has been closed four years that there were no company. mercially exploitable deposits of oil tween the rival regimes in Damas-in the area.

passes through Deir ez Zor on the way to the Syrian oil terminal at Baniyas on the Mediterranean Sea.

Pecten has begun preparatory work for the construction of a 20mile (32-kilometer) feeder pipeline to earry oil produced at the new field to the Iraqi pipeline.

But officials are worried that the discovery could leave the country worse off if Iran and the Arab states of the Gulf region cut their financial aid sharply before the

## Fund for Africa in Doubt

WASHINGTON - The World Bank hopes to raise an extra \$1 billion for Africa at a special two-day meeting of donor countries starting Thursday in Paris, but there are doubts that the target will be

All prospective donors face domestic budgetary restraints. The United States has said it will refuse to contribute, and other industrial countries such as Japan and West Germany have not disclosed their

France and the bank staff are the chief sponsors of the Africa fund.
"They'll be lucky if they get \$500 million," said one Western representative of the fund's organizers. He criticized the United States's stand because of the example it might serve for other donors.

## A Contract On Dollars

(Continued from Page 7)

more important than a useful trading instrument," Mr. Powers said. 'il could finally be the catalyst, the first real step, the core product, that eventually unites New York futures markets."

He pointed out that the Cotton Exchange has offered to grant free ocess to its dollar market to the traders of the other three exchanges now operating at the World Trade Center. They are the New York Commodity, the Mercantile and the Colfee, Sugar and Cocoa ex-

changes.
The open-door policy, obviously aimed at increasing the liquidity of the new market, is unprecedented for a futures exchange. If and when the New York Futures Exchange moves in or merges with one of the four at the World Trade Center, its members are expected to be offered

the same privilege.

The only restriction imposed by
the Cotton Exchange is that the floor traders trade for their own account and not execute outside orders. But Mr. Powers noted that most major banks and other financial institutions already own seats on one or more of the exchanges Thus the restriction should not prove bothersome.

#### Korea Ships More Containers

SEOUL - South Korean exports of shipping containers to-taled \$360 million last year, more That disarr than double the 1983 exports of \$173 million, officials of the Korea Container Industrial Association said Monday. They attributed the sharp rise to new orders from major ny, by Bank of Montreal. U.S. shipping and container-leas-

## American National Gets **Boost as Rivals Suffer**

credit markets by issuing notes and quarter.

market business has heated up. We know the market quite well," Mr. Tobin said. "It's a limited universe, and we have a whole dossier on every middle-sized com-

pany in the Chicago area."

An economist by training, Mr. Tobin was president of the Midwest Stock Exchange before becoming American National's chairman in 1978.

interest-free and they often borrow at above the prime rate, while large companies borrow at or below

With 50 percent of its money American National gets its money much more cheaply than do most interest margin was 5.15 percent in the fourth quarter — almost twice that of many banks.

Keene H. Addington, American National's president, acknowledges that his bank has benefited from the "disorientation in the

That disarray has included not only the woes of Continental Illinois, but also the acquisition last year of Harris Bankcorp, Chicago's gram "the most aggressive." third-largest bank-holding compa-

gaged in a search to replace its tion's economic growth is in small- chairman, and named a non-banker companies. Furthermore, many er to the post last December. Lastlarge, blue-chip corporations have ly, First Chicago had its own probbeen eschewing bank loans and lems, notably its \$279-million borrowing directly through the write-off of bad loans in the third

But if American National, which But American National was pre-pared as the battle for the middle-lion last year, has prospered because its competitors have been distracted, the competition has not

disappeared entirely. Other major banks, such as Citi-corp, Chemical and Mellon Bank. have also been working the Middle West market actively through their

Chicago offices.

B. Kenneth West, chairman of Harris Bankcorp Inc., another key player in the middle market, add-Medium-sized companies are a ed: The middle market is the hot boon to American National be-place to be. Profits have been cause their demand deposits are squeezed out of some of the other

Each year American seeks to call on every one of the area's 5,500 middle-sized businesses. "Middle market companies require a lot coming from demand deposits, more personal service than larger companies," said Ronald J. Grayheck, American National's senior other banks. As a result, its net executive vice president. "They may want hockey tickets or an auto loan for their secretary."

> One of the many companies lured by American National was Thermodynamics Inc., a \$25 million-a-year mechanical contractor based in a Chicago suburb. Thermodynamics had been shopping around for the most competitive banker and Michael R. Meyers, its president, called American's pro-

American offered more flexible financing, Mr. Meyers noted, in-Northern Trust Corp., the city's cluding collateralized borrowing, No. 4 bank, meanwhile, was en- which he said was important if his

# American National's Strong Performance 3.5

company got into a tight spot. He meddled in its new subsidiary's op-

They allowed us to book up our omputers into theirs so we could look at our accounts." Stanley P. Weiss, chairman of Logan Brothers Books, a \$30 mil-

lion-a-year distributor of medical texts, also switched to American ness in-house." "They were willing to show me some courtesies that other banks weren't," Mr. Weiss said. American

National offered his company a \$2.5-million line of credit, \$1 million above his previous bank's line. Barry F. Sullivan, First Chicago's chairman, said he became more interested in increasing his bank's role in the middle market when he saw more blue-chip companies turning to the credit mar-

would find it hard to focus successfully on both large companies and medium-sized ones. That is why he chose to buy American National. First Chicago paid \$270 million, which many analysts called a gen-erous price. But Mr. Sullivan said American's earnings were already

exceeding projections. And not wanting to tinker with a winning

But he feared that his bank

also praised the services offered: erations. "It was a very smart move be-

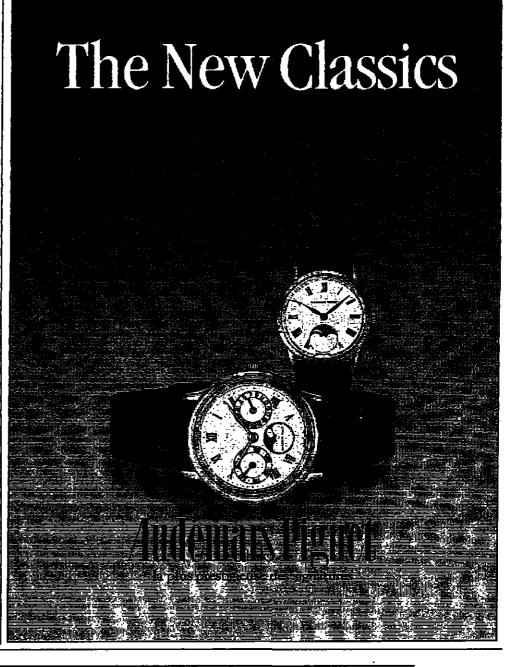
cause First Chicago wanted to expand into the middle market," said Joseph F. LaManna, an analyst with Duff & Phelps. "It would have taken years to develop that busi-

#### Ford Cut Output In Europe in '84

COLOGNE - Ford-Werke AG, Ford Motor Co.'s West German subsidiary, said it cut car produc-tion five percent, to 791,770 vehicles, last year due to easing demand in some European countries, including West Germany.

Car exports fell to 533,564, or 64.3 percent of production, in 1984 from 573,502 in 1983, Ford-Werke said Monday in a statement.

Ford said its 1984 West German market share was the highest in six years, up 0.5 percent to 12.5 percent, or 288,000 newly-registered cars, from 282,734 in 1983. The European market share rose to 12.9 formula, First Chicago has not percent from 12.6 percent.



## Havana Got More Than \$100 Million From Cuban Tourist Industry in '84

HAVANA — Cuba has found a tour packages in 1984, up from way to earn hard currency by offering bargain tours to West Europeing bargain tours to West Europeing 1984, up from 1981. ans, Canadians and Mexicans.

and socialism.

The price from Canada is \$700. one of Cuba's main sources of of Havana.

much-needed Western currency Hotel companies from Spain, and encouraged the Communist West Germany and France will charge of the Cuban tourism agenty, called Cubatur, since 1981. Before to the Cuba made little effort to

cy, said in a recent interview that dero's 5,000-bed capacity. They

ism in 1984 was well over \$100 Before the rise of Fidel Castro in million, Mr. Debasa said. Tourism 1959, Cuba was a magnet for high rollers and good-timers drawn to Havana's casinos. The new Cuban exports. By 1990, Mr. Debasa said, tourism makes do mostly with sun

To accommodate more Western For about \$800, a West German tourists. Cuba is starting a \$280can escape the European winter million investment program that is and spend two weeks on a Cuban to include a dozen new government beach, air fare and hotel included. hotels and an international airport. Eight of the hotels and the airport The formula's success in the past will be at the seaside resort of Varathree years has turned tourism into dero, 85 miles (137 kilometers) east

and construction, Mr. Debasa said. Jorge Debasa, general manager When completed in the late 1980s, attract Western tourists. "We were of the government's tourism agen- the new hotels will double Vara- closed to the world," he said.

offer "live-star with water-sport facilities and

They will also be low-rise buildings to preserve the coastal area's natural beauty, Mr. Debasa said. "It is not going to be an Acapulco or a Cancun where you don't see the beach," he said, referring to two Mexican resorts.

Work has started on the new Varadero airport. It is being carried out by the Cuban construction brigade that was helping to build an airport in Grenada at the time of the U.S. invasion of that island in October 1983.

fore that, Cuba made little effort to

#### FINAL NOTICE TO HOLDERS OF SECURITIES LISTED BELOW

Persons holding the securities listed below must surrender them to the Exchange Agent, Raymond F. Glenn, Director, Reorganization Accounting and Claims, The Penn Central Corporation, 1700 Market Street, IVB Building — 29th Floor, Philadelphia, Pennsylvania 19103, not later than April 30, 1985 in order to be certain they will receive payment for such securities. Securities may also be surrendered between May 1, 1985 and December 31, 1986; however, payment will only be made with respect to the first \$3 million in face amount of bonds and distribution value of securities surrendered in that period. The date of actual receipt of securities by the Exchange Agent shall determine the timeliness of the surrender

Boston & Albany RR Co. 41/8 improvement Mortgage Bonds due 1978

Carthage & Adirondack Ry. Co. 4% First Mortgage Bonds due 1981 Cleveland, Cincinnati, Chicago & St. Louis Ry. Co. 4% Series A and 5% Series B General Mortgage Bonds due 1993 Cleveland, Cincinnati, Chicago & St. Louis Ry. Co. 41/16 Series E Refunding and Improvement Mortgage Bonds due 1977

Cleveland, Cincinnati, Chicago & St. Louis Ry. Co. 4% St. Louis Division First Collateral Trust Bonds due 1990 Cleveland, Cincinnati, Chicago & St. Louis Ry. Co. 4% Cincinnati, Wabash & Michigan Division Mortgage Bonds due 1991

Connecting Ry. Co. 31/4% Series A First Mortgage Bonds due 1976 Elmira & Williamsport RR Co. 5% Income Bonds due 2862

Kanawha & Michigan Ry. Co. 4% First Mortgage Bonds due 1990 Lake Shore and Michigan Southern Ry. Co. 31/2% Gold Mortgage Bonds due 1997

Michigan Central RR Co. 41/2% Series C Refunding and Improvement Mortgage Bonds due 1979 Mohawk & Malone Ry. Co. 31/16 Consolidated Mortgage Bonds due 2002

Mohawk & Malone Ry. Co. First Mortgage 4% Bonds due 1991 New Jersey Junction RR Co. 4% First Mortgage Bonds due 1986 New York & Putnam RR Co. 4% First Mortgage Bonds due 1993

New York Central & Hudson River RR Co. 31/1/8 Gold Mortgage Bonds due 1997

New York Central & Hudson River RR Co. (NYC RR Co.) Ref. & Impr. Mortgage 4%% Series A and 5% Series C Bonds due 2013 New York Central & Hudson River RR Consolidation Mortgage 4% Series A Bonds due 1998

New York Central & Hudson River RR Lake Shore Collateral 35% Bonds due 1998

New York Central & Hudson River RR Michigan Central Collateral 31/4% Bonds due 1998

New York Central RR Co. 51/4% Collateral Trust Bonds due 1980 New York Central RR Co. 5%% Collateral Trust Bonds due 1980

New York Central RR Co. 6% Collateral Trust Bonds due 1980

New York Central RR Co. 6% Collateral Trust Bonds due 1990 New York Connecting RR Co. 2%% Senes B Bonds due 1975

New York, New Haven & Hartford RR Co. 44% Harlem River Division First Mortgage Bonds due 1973

Northern Central Ry. Co 45% and 5% Series A General and Refunding Mortgage Bonds due 1974

Penn Central Co. 65% Collateral Trust Bonds due 1993 Pennsylvania RR Co. 41/4 Series D General Mortgage Bonds due 1981

Pennsylvania RR Co. 41/4% Series E General Mortgage Bonds due 1984

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Peoria & Eastern Ry. Co. 4% Income Bonds due 1990 Philadelphia, Baltimore & Washington RR Co. 5% Series B General Mortgage Bonds due 1974

Philadelphia, Baltimore & Washington RR Co. 41/8 Series C General Mortgage Bonds due 1977 Pittsburgh, Cincinnati, Chicago & St. Louis RR Co. 5% Series A General Mortgage Bonds due 1970 Pittsburgh, Cincinnati, Chicago & St. Louis RR Co. 5% Series B General Mortgage Bonds due 1975

Pittsburgh, Cincinnati, Chicago & St. Louis RR Co. 3%% Series E General Mortgage Bonds due 1975 West Shore RR Co. 4% First Mortgage Bonds due 2361

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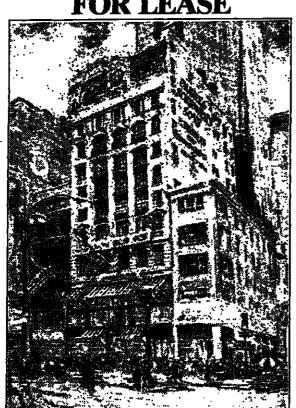
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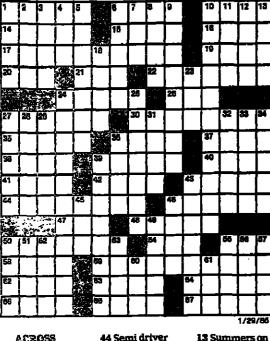


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**PEANUTS** 









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GARFIELD DO YOU KNOW WHAT I HATE ABOUT YOU NERMAL? YOU'RE





### **BOOKS**

THE CHIEF: A Memoir of Fathers and Sons

By Lance Morrow. 303 pp. \$16.95. Random House, 201 East 50th Street, New York, N. Y. 10022.

Reviewed by Richard Eder

As a rite of literary passage, evoking one's father lacks the expansiveness of first love, or of striking out for the territory. It is more ingrown and narcissistic. To search for one's father is to search for one's self, I suppose, but it is all indoors. It is a kind of interior redeco-

Lance Morrow's memoir of his father, Hugh, is a notably uneven example of the genre. It hops with unresolved tensions; its efforts to understand sprout new misunderstandings. Far from settling past-due bills, new claims are levied, as if Morrow were still on some kind of spiritual weekly allowance that was in arrears and that he was trying to collect.

And yet, partly because of its unease, the book at times becomes a fascinating picture of a father-son relationship that seems certain to simmer on while either one lives. Lance Morrow is a senior writer for Time magazine. Hugh Morrow wrote for the old Saturday Evening Post and then, for 23 years, worked for Nelson Rockefeller in a series of progressively more exalted public relations jobs. The jobs ended when Rockefeller died of a heart attack; the exaltation ended when, apparently misin-formed. Morrow told the world that Rockefel-ler had died while working in his office. It came out that he had been in his apartment with Megan Marshak.

Lance Morrow's feelings about Rockefeller were almost as mixed as those for his father. He acknowledges Rockefeller's generosity to his family, with presents amounting to more than \$100,000 at moments of need, and the occasional satisfaction he took in his own indirect connection. He quelled a taxi driver who had demanded an exorbitant fare by telling him that he could get his license revoked. There is a deep resentment, at the same time. Rockefeller treated even his most highly placed asso-ciates as upper servants, whose function was to ease his way. Morrow writes: "His feet seldom touched the ground." He was ashamed of his father, Hugh, for accepting the patronage; and the shame fed the tensions. He found himself

cursing Hugh after reading a mawkish eulogy that the latter had written in the Daily News after Rockefeller's death. That, too, is not endearing; Lance knew what a public relations man's trade involved, and Hugh was doing his

"The Chief" includes sketches that are more or less unrelated to Hugh. Morrow tells of a boyhood summer spent with a black tenant farmer on the Maryland shore, of his days at a tough Jesuit high school, of working as a cub reporter on a small Pennsylvania daily, of a trip to Europe, of covering the 1968 Democratic National Convention. The recollecting is rather flat; it is memory told nicely but untransformed. His account of his heart attack and bypass operation, on the other hand, is vivid and moving, particularly in his descrip-tion of the state of anguished alert that one lives in afterward.

But the book's heart is the wary relationship between Lance and Hugh, half-loving and half-poisoned. After the heart attack, for example, the author muses on his illness, on a brother's death and on his father's continuing good health.

The book opens with a deadly and finely written scene. With both men at the peak of their careers, Hugh takes Lance to lunch in a private dining club at the top of Rockefeller Center. No better evocation has ever been made of the agony of such adult rituals.

These are subliminal skirmishes. Are they

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real ones? A long-healed wound hurts in damp weather; and Lance's invariably throbs when the wind blows from the paternal quarter. It is not clear what the wound was. Perhaps an occasional display of paternal severity years before; more likely, the alootness from Hugh and his improvisity wife as they arrayed except. and his journalist wife as they pursued careers in Washington when Lance was a child. "Their ideal of success depended precisely upon the degree to which the public merged with the private: the degree to which their private lives were associated with power, the degree to which they knew its workings and went to dinner with the senators and Cabinet members and ambassadors who held it."

It was a whirlwind of activity, and like all whirlwinds, it left its dead spots. "The Chief" works its way over these dead spots of the heart but, despite moments of tenderness, it never works its way out of them.

Richard Eder is on the staff of the Los Angeles

### **CHESS**

By Robert Byrnes

the world championship chess der Ivanov last year in the Sovimactch in Moscow last week, it et Union. looked as though the challeng-er, 21-year-old Gary Kasparov, B4: 15 PXPe.p., NxBP; 16 N-held a slight advantage. But he could not pin down the clusive Kasparov now looked for

other draw. champion, kept his 5-1 lead but black knights prevented the still needs one more victory to white bishops from achieving

board. They had earlier estatoJohny Will 25... P-Qbs. Kalished a record for consecutive
draws, 17. This is also the longest title match in the modern
era, easily surpassing the 1927
contest between José Raúl Capablanca and Alexander Alekhine, which ended after 34

K6 comes to naught

Johny Will 25... P-Qbs. Kathat would arise from
38... PxQ. Karpov at once
agreed.

Sames

Ref Comes to naught

hine, which ended after 34 sent itself. For example, 30 P-games.

For this 44th game, Karpov offered a defense of the Ruy Lopez in place of the Petrov Defense that he had been using he chose the currently popular Flohr-Zaitsev Variation, 9... B-N2.

The idea of giving up a pawn toehold in the center with 12... KPxP. so that, after

13... N-QN5, is not new, but the first time it was played this HROUGHOUT the ma-early was in the game between jor part of the 44th game of Vitaly Zeshkovsky and Alexan-

Anatoly Karpov to anything something better with 14Q-K2 serious, and the result was anThe challenger obtained the

two bishops with 20 NxB, Karpov, the 33-year-old RPxN, but the solidly posted

defend successfully the title he any real effectiveness.
has had since 1975. The exchanges The draw was the 38th in the 24...BxN; 25 RxB, RxR; 26 series. Draws do not count in PxR eliminated another bishop the scoring, but each time these for a white knight, but Karpov

only to simplify the position since Kasparov's passed KP

35...N-K4! players agree to one they set a was free to advance his newly exchange of queens wiht 38 record for pacifism at the acquired queenside pawn ma-QxQ and simultaneously of-board. They had earlier estab-jointy with 26...P-QB4. Ka-fered a draw. In view of the



WHAT THERE WAS AGENCY. Now arrange the circled letters to form the surprise answer, as suggested by the above cartoon. Jumbles HEDGE CHASM JETSAM GIGOLO Answer: The birthday cake had so many candles on it so he could make this— LIGHT OF HIS AGE NORTH AMERICA

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EACH FRIDAY IN THE IHT

**SPORTS** 

Quarterback Joe Montana throws a pass in the Pro Bowl while being pursued by defensive ends Mark Gastineau, left, who was chosen the game's outstanding player, and Howie Long.

## AFC Wins Pro Bowl on Lineman's TD

City Chiefs made it Sunday to give the AFC a 22-14 victory over the Along the way, St

Second Mark

Accept

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The leaves

The Annual Control

NFC in the Pro Bowl. pound defensive end, pounced on a Kansas City and twice managed to ton and moved ahead early in the botched handoff between quarter- elude Green Bay's swift wide re- final quarter on a 1-yard dive by hack Neil Lomax of St. Louis and ceiver James Lofton. running back Eric Dickerson of Los Angeles just when it appeared attle's Norm Johnson put the game the second quarter when Mark that the National Football Confer- out of reach when he kicked a 22ence was ready to sew up the game.

The NFC was up 14-12 and at the American Football Conference last two Pro Bowls with an offen-14 when Still dove on the ball. He sive explosion, appeared ready for tive sacks of Lomax, starting at the

and run. Still did and somehow

managed to cover the 83 yards.

along, but Art Still of the Kansas get to it. But I guess I struggled

ity Chers made it Sunday to give along and got mere.

Along the way, Still got some midway mark, scored in the third convoy help from Steve Nelson of Still, a massive 6-foot-7, 257
New England and Deron Cherry of Montana of San Francisco to Lof-

The score made it 19-14 and Sethen needed some coaxing from Joe the clincher after Miami's Reggie Nash of Seattle and Rod Martin of Roby got off a 4-yard punt at the the Los Angeles Raiders to get up AFC 44.

Walter Payton of Chicago rushed twice for 33 yards and the

"After the first 20 or 30 yards; NFC had the ball on the 14 when HONOLULU — The end zone the end zone started swaying," he was "swaying" as he rumbled said, "and it seemed like I'd never curred.

The NFC, which was blanked in the first half and trailed 9-0 at the Payton.

The AFC's first points came in Gastineau of the New York Jets, voted the game's outstanding play-er, sacked Lomax for a safety.

The safety capped three consecu-NFC 20. Gastineau's Jet teammate Joe Klecko dropped Lomax for an 11-yard loss and Rod Martin of the Los Angeles Raiders put the St. Louis quarterback down on the three to set the stage for Gastineau's play.

The AFC defense also set up the

AFC's first score when Fredd Young of Seattle partially blocked a punt by Brian Hansen of the New Orleans Saints to give the AFC the ball at the NFC 15.

Dan Marino of Miami hit Marcus Allen of the Raiders from 12 yards out to give the AFC its 9 first half points.

The game featured the Super Bowl's two glamour quarterbacks. Montana completed 10-of-14 for 112 yards and Marino 10-of-21 for

#### VANTAGE POINT/Thomas Boswell

## One Man's Opinion — Give the Boot to Mac and Jimmy

For everybody's good, especial- ior they've wandered.

ly their own.
It's all right for McEnroe to act like McEnroe and for Connors to act like Connors when they're playing on the pro tennis circuit. The only reputations they ruin are someone had something to say, their own. If they still have reputations they could say it to our face."

But when McEnroe and Connors play Davis Cup, they represent America. As for this 1-220,000,000th part the "boys" part.

of the nation, I don't want either of them representing me. What McEnroe and Connors

to drop the big one on these guys. Earlier this month, the U.S. it but he couldn't. Tennis Association felt it necessary to write a code of conduct for future U.S. Davis Cup players.

Why? Because McEnroe and Connors acted like such spoiled babies in December when a Swedish team full of underdog teenagers trounced them, 4-1.

in Göteborg, Connors was fined \$2,500, some of it for his familiar obscene gestures and foul mouth. McEnroe was his usual petulant, name-calling, match-delaying, equipment-smashing, gamesmanship-playing 12-year-

These prima donnas were such pips that Hunter Delatour, president of the USTA, felt he had to apologize at a postmatch dinner. Also, the sponsor of the team, Lousiana-Pacific Corp., wrote to the Davis Cup chairman, saying the U.S. team fails badly when it comes to living up to minimum behavior standards on the court, during awards ceremonies and at other Davis Cup events."

behavior standards" in tennis, cause pro tennis has no behavorial standards. It is ironic that the American sport that most aligns itself with money and social status — the game that thinks it's so ritzy — has become the most non-

Washington Post Service Their reactions to their latest WASHINGTON — John flap were revealing. They're both McEnroe and Jimmy Connors so shell shocked by years of criti-should be kicked off the U.S. Da-cism, so deep into the mind-set cism, so deep into the mind-set that nothing is their fault, that they have no idea how far over the Get 'em gone, Can't do it too line of socially acceptable behav-

"I resent finding out about this from a carbon-copy letter," said Connors of the sponsor's letter concerning his misconduct. McEnroe and I are big boys. If

Gee, Jimmy, too bad about that carbon copy. Guess you've never hurt anybody's feelings. See how it feels? At least you were right on

Oh, yes, about that "to our face." You seemed to forget the recent Volvo Masters, when you have done in the past few weeks is made an obscene gesture behind a new low, even for them. It's time lvan Lendl's back so all the fans Ivan Lendl's back so all the fans and a hundred reporters could see

McEnroe even topped Connors in his supercilious reaction. "I think the whole thing is one big joke. I didn't even see the letter, said McEnroe at first. "I might have gotten one. Maybe they sent it to my father and he didn't tell me about it. He knows better than to tell me about things like that."

Told of the new Davis Cup team rules - which don't call for an organ donation, just "courtesy and civility" - McEnroe, in his stop-picking-on-me whine, said, "If they don't want us playing, they should just tell us." Oh, if only somebody would.

If only we would finally stop giving them a thousand and one chances. For 10 years, I've been among the bleeding hearts who have looked for something decent beneath McEnroe's boorishness and excused Connors' public indecencies because he had guts. are the ones who bring it home? But we're not doing them any Excuse them all you want,

you've really done something be- and Connors now is, "Who needs Philadelphia. you? We can lose the Davis Cup without you."

winning. It's typical that nobody no matter what I do. veau riche, no-class game on the in the cringing tennis community



John McEuroe takes on a TV cameraman he felt was too close to courtside Sunday.

have the backbone to stand up to they boo because it was too easy. athletes in other sports can ques-

of-the-good-guys Arthur Ashe can." back as team captain, McEnroe and Connors will get one more chance to wear "USA" on their jackets. Ashe has stood between

this pair and their comeuppance too long. What they need is the hardest slap in the face possible. They should be "fired" now. Who cares if the United States wins the Davis Cup? Do Americans really want it if McEnroe and Connors

■ McEnroe Hits Back

To hear McEnroe tell it, he When you violate "minimum they're still a pair of prize jerks. can't please anybody, United What we need to tell McEnroe Press International reported from

ou? We can lose the Davis Cup
hithout you."

"It's been going on for years,"
he said Thursday night. "Some
day it will be different and people jock finds out what people really will respect me for what I've done think of him is when he stops for tennis. They always complain "They come out to see a few

managed to raise a stink until the things and if I say a few things, And McEnroe and Connors Davis Cup was lost. You don't they boo. If I don't say anything think anybody in tennis would they boo. If I play a good match,

If I don't play well, they boo betion some things. Why can't I? The betting is that, with king- cause I wasn't playing as well as I

He added, "I'm an intense

"I'm a good person and the good people rise to the top," he said. There are bad people who competitor who goes out and keep trying to pull me down. The gives 100 percent. So what if 1 bad people will slither to the botquestion a few calls? A lot of

## Injured McEnroe Wins Title

PHILADELPHIA - Topseeded John McEnroe, shrugging off a knee injury midway through the match, rallied from a secondset deficit Sunday on his way to a 6-3, 7-6, 6-1 victory over Miloslav Mecir to win the U.S. Pro Indoor Tennis Championships for the

fourth straight year.

McEnroe, who won more than 52 million last year in posting a match record of 82-3, pocketed \$54,000 in his first event of the official 1985 season. He glided through all five matches in the \$300,000 tournament without los-

ing a set.

McEnroe almost lost that per-

Mecir, a 20-year-old citizen of Czechoslovakia who upset No. 2 seed Jimmy Connors in Saturday's semifinal.

The world's No. 1 player twisted his right knee while hitting his first serve at 30-40 in the second game of the second set. He double-faulted on the point to lose serve and lost his serve again in the sixth game, during which Mecir passed him three times, to go down 1-5. But McEnroe, who was treated

twice during changeovers by a trainer, ignored the injury and roared back to take the next four games and the set which eventualfect record, however, in the sec- ly went to a tie-breaker.

### Gives Jones East All-Star Job who dribbled to the corner and

Bird's Last-Second Basket

**NBA FOCUS** 

Game next month.

Clyde Drexler hit from the top of year, leading the East to a 154-145 the key with three seconds remain- overtime victory. Pat Riley of the ing. Boston inbounded to Bird.

#### Rohri Leads Monte Carlo

:.=1:

United Press International MONTE CARLO — Defending champion Walter Rohrl of West Germany, driving an Audi Sport-Quattro, Monday maintained a 35second lead over Finland's Ari Vatanen in a Peugeot 205 after seven timed sections of the 53rd Monte Carlo Rally. The 105 drivers who left Domaine du Rouret on the raily's third stage are to arrive in Gre-noble early Tuesday morning for a 12-hour rest period.

BOSTON - Larry Bird hit a 16- fired the winner to put the Celtics foot corner jumper as time expired, into sole possession of first place in giving the Boston Celtics a 128-127 the Atlantic Division, a half-game victory Sunday over the Portland ahead of Philadelphia. The victory also enabled the Celtics to overtake the 76ers for the

best record in the Eastern Confer-Trail Blazers and K.C. Jones a job ence. That mark gives Jones the job as East coach in the NBA All-Star as coach of the East in the All-Star Boston was trailing 127-126 after Jones held the same position last

Los Angeles Lakers will coach the West in the Feb. 10 game at India-

"At the end of the game the ball belongs in Larry Bird's hands," Jones said. "I started to set up a play for Max [Cedric Maxwell] but Larry said, to hell with that, give me the ball." Bird, who tied a season-high with

gain the lead. Elsewhere, Detroit beat Washington 115-105 and Milwaukee defeated San Antonio 106-93.

Basketball

## Wadkins Shatters Par by 20, Wins L.A. Open

LOS ANGELES — Lanny Wad-cord score — collected \$72,000 kins set and tied a flock of records with a front-running. 7-under-par 64 that provided him with a 7-shot from the total purse of \$400,000 and pushed his earnings for the young season to \$172,350. He bevictory and his second triumph in came only the ninth player to go geles Open Golf Tournament.

Wadkins, one of golf's most aggressive players, declined to play it safe despite his growing lead and punished the proud old Riviera

Some other figures:

In 13 rounds this season, Wadkins has not been over par and reduced his scoring average to 67.2. 48 points, hit for 16 in the final quarter, scoring the Celtics' last three baskets, each needed to re-Country Club course with a record dard set by Johnny Miller in 1981. the same margin in 1982.

three weeks ago - also with a re- hole total on the tour since the fall

three weeks Sunday in the Los An- past \$2 million in career winnings and now has \$2,049,789.

 His winning margin was the 264 total, 20 strokes under par and largest on the tour since Calvin better than the previous stan- Peete won the Pensacola Open by

Wadkins started the cool, sunny day with a 2-shot lead, was never headed, never tied. His gaudy card included no bogeys, no 5s.

Hal Sutton claimed second with a birdie on the 18th hole that broke a tie with Pavin. Sutton had a closing 69 and a 271 total. Pavin, a hometown boy, shot 70 for a 272

Craig Stadler, with a closing 66, came on to tie for fourth at 273 with Chip Beck and Gary Koch. Wadkins, who won the Bob ● His score — on rounds of 63. Beck shot 70 over the final 18 holes Hope Classic that opened the tour 70, 67 and 64 — was the low 72- and Koch matched par 71.



Chris Evert Lloyd celebrates upset of Martina Navratilova.

## **SCOREBOARD**

#### **NBA Standings** Selected U.S. College Conference Standings ATLANTIC COAST Conference All Germas W L Pci. W L Pci. 4 1 800 14 3 824 3 1 750 15 5 750 ch 3 2 400 14 3 824 st 3 2 400 12 5 706 4 2 571 14 3 824 St. 3 3 500 11 6 40 2 5 266 10 7 588 1 6 143 9 9 500 BIG EAST EASTERN CONFERENCE 0 4 .000 10 9 .526 RO ATHLETIC Conference All Gomes W L Pct. W L Pct. 5 1 .833 15 1 .938 5 1 .833 11 6 .447 4 1 .900 13 4 .765 2 3 .400 9 6 .400 2 3 .400 6 12 .333 2 4 .777 10 8 .544 2 4 333 10 8 556 2 4 333 7 8 529 0 5 900 7 9 438 IVY LEAGUE WESTERN CONFERENCE Conference All Germ. W L Pct. W L Pct. 3 1 750 10 1 36 2 1 467 5 16 330 1 1 500 5 8 385 1 1 500 5 8 385 1 1 500 5 8 385 1 1 500 4 9 306 5 .167 2 13 .133 AST ATHLETIC Antonio 21 2 34 79 Antonio 20 25 444 79 Assos City 15 28 349 1112 Pocific Division 50 15 .667 — Thoenix 21 24 .467 9 Sooffile 20 25 .435 1092 LA. Citpers 19 25 .432 1092 Golden Stote 19 25 .432 1092 LA. Citpers 19 25 .432 1092 Golden Stote 19 33 23 19 SUNDAY'S RESULTS Allimonice 3 53 22 19—136 SON Antonio 31 City Birth Florides 512 19; Allichell 13-29-11 25, Gervin 5-12 4-41 Rabounds: Allimoulace 28 (Motacki 10), Son Antonio 21 (Microra 13), Assists: Allimoulace 29 (Hodoes 6), Son Antonio 21 (Mocro 7). Weshington 37 27 26 -35—15 Laimbeer 13-18 1-2 22, Long 10-22 1-1 21; Molone 14-19 4-4 22, Gus Williams 8-20 3-4 21. Antonio 31 (Cimbeer 16), Assists: Washington 26 Rebounds: Washington 31 (Bollard 10), Deroit 31 (Leimbeer 16), Assists: Washington 26 Portion 39 27 35 36—127 Alichigan 11-19 4-4 24, Cur Birth 13-20 4-8 30; Pour Birth 1-19 4-4 24, Vandeweghe 9-14 3-1 22, Rebounds: Portland 40 (Bowle 7), Boston 60 (Portsh 12), Assists: Portland 38 (Valentine 18), Boston 25 (D.Johrson 10). PACIFIC COAST ATHLETIC Conference All Games W L Pct. W L Pc. os Vegs 8 8 1000 IS 2 882 0 51. 6 1 857 II 5 888 3 225 9 8 529 4 500 8 9 471 4 500 9 8 529 4 429 7 9 438 5 444 9 11 450 5 236 9 7 563 8 500 2 14 125 THE STATE N CARLES AND SET JOSE ST. CARLES AND SET JOS New Mexc SI. Ulah St. Long Bch SI. 2 5 286 9 7 5.53 0 8 000 2 14 .125 St. 92-70; del. Long Boach St. 75-61. T COAST AYHLETIC Conference All Games W L Pcl. W L Pcl. 3 1 .750 13 5 .722 3 1 .750 13 5 .722 3 1 .750 13 6 .667 1 2 .333 12 6 .667 1 2 .333 12 6 .667 1 2 .333 12 6 .667 1 2 .333 12 6 .667 1 2 .333 17 9 .500 0 4 .900 10 9 .526 STERN AYHLETIC Conference All Games W L Pcl. W L Pcl. Conference All Games W L Pcl. W L Pcl. Gory Koch. \$16.533 66.647-07-273 Chip Beck. \$16.533 71-646-670-77-273 Chip Beck. \$16.533 71-646-670-77-273 Chip Beck. \$16.533 71-646-670-77-275 3 2 .000 11 6 .647 5 2 .714 12 6 .667 Larry Rinker. \$12.050 11 6 .697 12 4 .500 11 8 .579 13 2 .000 11 6 .647 15 2 .714 12 6 .667 16 .677-74-49-277 17 2 .677-74-69-275 18 2 .677-74-69-275 2 4 .250 7 13 .350 Mark C Wacra. \$2.000 Mark C Wacra. \$2.000 Mark C Wacra. \$3.000 Mark C Wacra. \$3. WEST Oregon St. Southern Col UCLA Washington Arizona WESTERN ATHLETIC College Results Costleten St 88, Lynden St 59 Dowling 61, Keen 88 (OT) St. Tho, Aquines 111, Hevrall-Hile 72 SOUTH Armstrong St. 26, Berry 60 E. Kentucky 74, Youngstown Georgia Tech 66, North Carolina 62 Marviona 77, Villenova 74 Tennesses 51, Kentucky 65 Virginia 54, Arkansos 52 INDEPENDENTS MIDWEST Belgit 71, Hilmols Coll. 59 Cent. Michigan 98, No. Hilmols Texas A&M Arkansas Texas Texas Chrisin

BIG EIGHT

Conference All Games W L Pct. W L Pct. 4 0 1,000 15 4 789

NHL Standings College Top-20 Results WALES CONFERENCE

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Adoess Division

25 15 10 60 194 164

22 15 12 56 175 144

24 19 7 55 194 175

22 20 7 53 183 169

17 24 5 39 156 200

CAMPBELL CONFERENCE How the Associated Press top-28 college teams formed lost week (through Jon. 27): Georgetown (18-1) def. Connecticut 79-66; lost lo 51. John's 66-65. Southern Methodist (16-2) def. Taxos 54-46; lost lo Texos Tech 64-63. St. John's (15-1) def. Syrocuse 82-80. OT; def. Georgetom 66-65. Georgeteem 66-65. Memphis St. (15-1) def. Florido St.74-69; def. Virginia Tech 89-79, Duke (14-3) lost to North Carolina St. 89-71; def. Clemson 100-83, Illianjs (17-4) def. Ohia St. 84-66; def. Indiana ipis (17-4) def. Ohio St. 84-66; det. Incliana iz-41. DePaul (13-4) last to Dayton 65-64. Marth Carolina (14-4) last to Georgia Tech Watth Casuma to the Court of th def, Pittsburgh 80-75. Louisiana Tech (16-2) def. McNeese St. 88-##: lost to Lamor 72-64. Indiana (11-4) lost to Purdue 62-52 lost to indians (11-4) lost to Purdue 62-52, lost in Illinais 52-41. Villeasova (13-4) def. Providence 65-57; lost to Maryland 77-74. Kansas (15-4) def. Missouri 70-68; def. Colo-rado 76-66; last to Michigan 16-77. Georgia (15-3) def. Clemson 44-59; def. North Complete (44-5). SUNDAY'S RESULTS

Tolso (16-2) del. West Texas St. 116-90; def. Southern Illinois 46-60.
Michigen (14-3) def. Michigen St. 86-75; def. Konstas 96-77.
Virginia Constrouwealth (14-3) def. West Virginia Constrouwealth (14-3) def. West to Alabame-Birmingham 64-62.
Nevado-Lus Vegus (15-2) def. New Mexico St. 92-70; def. Long Beach St. 75-61. R.Y. Rospers
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(11), McKegney (21), Shots on gool: Minnesoto (on Hanlon) 16-14-22—52; N.Y. Rongers (on n) 18-8-9--27.

48-70-70-70-278 48-70-70-72-278 48-48-70-72-278 70-47-71-49-279

70-70-69-70--279

67-73-68-71--279 67-71-70-71--279 71-69-69-71--290 71-70-66-73--280

64-70-48-76-290 67-71-67-75-280 71-71-68-71-281 67-70-72-72--281

Mark Lye, \$7,200 Gil Margan, \$5,800 Kelih Fergus, \$5,800 Mike Reld, \$5,800

Jock Nicklaus, \$5,800 George Archer, \$4,320 Dan Pahi, \$4,320 Bruce Lietzke, \$4,320

Andy Bean, \$4,320 Fred Couples, \$3,26 Tom Walson, \$3,267

Transition

## Hockey

CAMPBELL CONFERENCE PBELL CONFERENCE
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25 21 4 54 214 219
26 20 9 49 222 208
12 32 7 31 177 271 N.Y. Islanders
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(31, Shelaber (4), recever 2 (20), O'Reitty (7), Stellghar (4), Goring (6), Reid (2), Blum (2), Allibury (2); Neuricid (13), Johnson (19), Silianen (9), Din-een (7), Skots en geet: Boston (en Allien) 5-10-13—25; Hartford (en Keans) 15-12-13—40. Philadelabila Wissipeg Beschmen 2 (19). Ellett (8). MacLean 2 (28), Arniet (14); Smith (9), R. Sutter (7). Shots on soal: Philadelphia (on Hayward) 6-9-12-27;

Foligno 2 (20), Andrevchuk (24); Bell (6). Palement (12). Shots on coal: Quebec (on Barrossa) 8-45—17; Buttala (Bouchard) 9-14-

BASEBALL National League
SAN FRANCISCO—Traded Gary Lavelle,

## **SPORTS BRIEFS**

#### Girardelli to Ski in Championships

BORMIO, Italy (AP) - Marc Girardelli will compete in the World

Alpine Ski Championships here this week thanks to a last-minute change of passport, the organizers announced Monday.

The 21-year-old skier, the current leader in the 1985 World Cup standings, has been racing for Luxembourg since the age of 13 following a dispute with ski officials in his native Austria.

"The International Ski Federation has given us today the green light to accept Girardelli's application to compete here," said Bormio spokesman Gianni Bianco.

Girardelli skipped the Olympics in Sarajevo last year because of the controversy over his nationality. Ski officials expected he would be forced out of the World Championships in this Alpine resort for the same

Girardelli tops the men's World Cup standings with 215 points, leading Pirmin Zürbriggen of Switzerland at 179 and Andreas Wenzel of Liechtenstein with 172. He beat Wenzel in a super giant slalom race in Garmisch on Sunday for

his seventh World Cup triumph this season.

Girardelli's father, Helmut, had said last week that his sou had sought a Luxembourg passport to race in Bormio. His presence here makes him the heavy favorite in the men's events.

## Lockridge Beats Bou Ali in Title Fight

RIVA DEL GARDA, Italy (UPI) — Rocky Lockridge of the United States defeated Tunisian challenger Kamel Bou Ali on Sunday to retain his World Boxing Association junior lightweight title with a sixth round technical knockout. The victory boosted Lockridge's career mark to 35 wins against three losses. Bou Ali now stands 17-1-1 after sustaining his first defeat in eight

years of sporadic professional fighting.

"I just overpowered him," Lockridge said after the victory, which earned him \$200,000, his biggest career payday.

#### Foster Breaks Indoor Hurdle Mark

CHICAGO (AP) — Olympian Greg Foster, running before an appreciative hometown crowd, broke Renaldo Nehemiah's world indoor best in the 50-meter hurdles of the Bally Invitational Track and Field meet. Foster's 6.30 time in his qualifying heat Sunday broke Nehemiah's record of 6.36 seconds set in 1979.

"My start did it," Foster said of the record, "I've quit worrying about the rest of the race and started worrying about the start." "That's just the first of Nehemiah's records," he said. "The one I really wanted is the 55 meters (60-yard hurdles.)"

## Lloyd Whips Navratilova

KEY BISCAYNE, Florida -- "I don't think I've ever played that well in my life," Chris Evert Lloyd said Sunday after ending a 25month loss-streak in matches

against Martina Navratilova. The former queen of women's termis whipped her successor, Nav-ratilova, 6-2, 6-4 in the finals of the Virginia Slims of Florida women's tennis tournament after breaking Navratilova's serve in the first and

In the second set, Lloyd scored three service breaks, including love games in the seventh and minth against Navratilova's serve. She won her third match point when Navratilova looped a forehand

long.
"I was a little afraid after the first set," Lloyd said at a joyful news conference after the 66-minute match, "because I don't think I've ever played that well in my life. "My passing shots and my return

of serve were the best ever, and I have to do that to beat Martina." Navratilova, ranked No. 1, had beaten No. 2-ranked Lloyd 13 consecutive times in the past two years. "What can I say, I just had a bad day in the office," said Navratilova.

"I never got into a rhythm. When I'm not hitting 50 percent of my [first] serves, I can't play serve and volley. I was missing a lot of balls by inches, but I was missing a lot of balls by 10 feet." Navratilova, now tied with Lloyd 31-31 in their lifetime series.

## Sabres Move Up To Second Place

had said Saturday that she thought she could beat Lloyd even on a bad

United Press International BUFFALO — The Buffalo Sabres are lucky Gilles Hamel listens before be sboots. "I made the play to Gilles Hamel

#### **NHL FOCUS**

and Gilles was going to shoot it but I guess he heard me yelling and he made a perfect pass on my stick," said Mike Foligno Sunday night after Hamel set up his game-winning goal in Buffalo's 3-2 victory

over the Quebec Nordiques. The goal, which came at 18:07 of the second period, was the second power-play tally of the night for Foligno and helped the Sabres avenge a 42 loss at Quebec Friday

night.
The victory enabled Buffalo to regain second place from the Nordiques in the Adams Division with 56 points.

Elsewhere, Washington beat the Islanders 5-2, Boston ripped Hartford 8-4. Winnipeg surprised Philadelphia 6-2 the Rangers edged Minnesota 3-2 and Toronto defeated Chicago 6-2.

Creishion 71, Marquette 59 Illinois 52, Indiana 41

Workingen No. Konses 77
Workingth SJ. St. Norbert's 52
SOUTHWEST

Texts A&M 71, Houston 89
FAR WEST

#### ART BUCHWALD

## Words to Remember

WASHINGTON — Now that that we were all dead as far as talking to him was concerned." torians can ponder some of the great words spoken during the weekend by statesmen who participated in the events.

Probably the most memorable were not uttered by President Reagan in his inaugural address, but by Frank Sinatra,

who told "Entertainment Tonight's" Barbara Howar, "You're all dead, every one of you. You're dead." all

At the time it At the time it was believed Sinatra was re-Buchwald about him in The Washington Post concerning his association with Hollywood's so-called "Rat Pack."

But after giving it a lot of thought, Washington historians are now divided on the meaning of the singer's outburst.

Last Friday night the issue was discussed at the "I Did It My Way Bar and Grill."

A reporter from the National Review said, "I can't believe Frank was talking about the press. No one let him finish his sentence. What he was trying to tell us was that we were all dead if we didn't support President Reagan's 'Star Wars' program.

A columnist from The Washington Post disagreed. "I ran the tape of his remarks over and over again and he was talking about the me-dia. The only thing I haven't decided is whether he meant it figuratively or literally.'

"I'm sure he didn't mean it literally," a lady from Women's Wear Daily said. "Even Frank Sinatra couldn't put out a contract on every person covering the inauguration. My interpretation of his remarks is

#### 'Vineyard' Wine Goes Official

United Press International

BOSTON - The resort island Martha's Vineyard will become an official winemaking area Sunday. The designation by the federal Bureau of Alcohol, Tobacco and Firearms means a bottle of wine made in Massachusetts from Martha's Vineyard grapes may carry the designation "Martha's Vineyard."

"But we've all been dead for years in Frank's mind," a CBS re-porter protested. "That's not

"It was only news," I said, "because Frank was in charge of the inaugural gala. I'm inclined to go along with my colleague from the National Review that Sinatra's words were misinterpreted. I have it from a high source in the surgeon general's office that what Frank was really trying to say was that we'd all be dead if we had to cover the inaugural parade in minus-20degree weather. His main concern was that we would bundle up and

keep warm. Howar, the only one who had been there, said, "He didn't sound as if he was worned about me get-

"Frank never likes to show his true feelings," I told her. "Every time a sparrow falls, he cries."

The Washington Post reporter refused to be persuaded. "I still believe he wanted us all dead, Maybe not dead dead, but enough so we would never write about him

A photographer from People magazine said, "Is it possible Frank was saying we'd all be dead if we bet on the Miami Dolphins in the Super Bowl?"

"Could be." I agreed. "Now that you mention it, Frank was always a big '49ers fan."

The Wall Street Journal man said, "The big question is, if Sinatra was referring only to the media, was he speaking for the administra-

tion or just himself?"
"Ronald Reagan doesn't want us all dead," Sam Donaldson said. "I talk to him every day."

"What about the CIA?" "No one knows who they want dead and who they don't," a reporter from Jack Anderson's office

I insisted on having the last word. "I don't believe we're in a position to judge what Frank meant by his remarks. The important thing is, they will be remembered long after all the other 1985 inaugural utterances are forgotten, and will be an inspiration to generations of inaugural gala chairmen for years to come."

## 'Beverly Hills Cop' May Be Omen of a One-Film Future

By Vincent Canby New York Times Service

NEW YORK — In "Room 666," a short documentary, the German director Wim Wenders ("Paris, Texas") asks a number of directors attending the 1982 Cannes Film Festival to comment on the future of theatrical films. Not unexpectedly it is Jean-Luc Godard whose remarks are the most tronic, outrageous and cogent.

Beginning by describing the impromptu symposium as "an inquest on the future of films," Godard goes on to say, among other things, that Hollywood's ultimate goal is to make one - just one superblockbuster a year that will be seen by absolutely everybody. Hollywood, he knows, is not especially interested in movies as a means of expression, self-examination or even entertainment. Hollywood's primary interest is profits, and what more efficient way to run a business than by annually manufacturing one all-new, superimproved, all-purpose item that somehow manages to

Last month, during the Christ-mas-New Year holiday season, traditionally one of the biggest moviegoing periods of any year, it seemed, as usual, that Godard had been a lot more prescient than his colleagues. What he predicted in 1982 had almost come to pass in 1984: One out of every three movie tickets sold in the holiday period was for "Beverly Hills Cop," the comparatively in-expensive (\$14-million) Eddie Murphy comedy that opened in Dec. 5, by the end of the holiday season had earned \$100 million in

domestic rentals. [After seven weeks of release, "Beverly Hills Cop" had earned \$122.1 million, The Associated Press reported.]

Yet the success of "Beverly Hills Cop" is also another, rather scary demonstration of the way in which society is being increasing-ly homogenized, possibly through the pervasive power of television to plant the same ideas, the same fears and the same fads in more people, more quickly, than has ever before been possible. Only in a society where impulse buying is

less than instant gratification is regarded as dangerously frustrating can success be made - and unmade — so quickly

There is no way of telling exactly how the "Beverly Hills Cop" phenomenon will affect the thinking of the Hollywood power men. These are not the actual producers but the financiers, the bankers. They have the final word on which films get made and which are put - in the jargon of the trade - in "turnaround," a term that suggests a limbo where screenplays forever float like the

loose objects in a space capsule.

We may end up with be more Eddie Murphy comedies than can be easily absorbed even by a public that dotes on him, as well as the "discovery" of a number of Eddie Murphy look-alikes, More probable, and more insidious, will be the increasingly obsessive impulse to make that one special film that will swamp the competition by having something for everyone. And, as the costs of production and distribution rise, that impulse becomes more and more risky for the financiers, and less and less promising for the people who want to make movies that cannot immediately be identified

with some earlier hit. In its 79th anniversary issue. which came out Jan. 16, the showbusiness weekly Variety published what amounts to a profile of the U.S. movie business as it is reflected in the profit-and-loss statements of individual films. Though the reporter, Lawrence Cohn, reports that about half of what he calls 1984's "megabuck" movies — those costing at least \$14 million — would at least break even, the losses of megabuck movies that do not break

even are staggering. Cohn says a film stands a good chance of making a profit if its domestic rentals "approach" the cost of the film's production, also referred to as "the negative cost." Domestic rentals are defined as the portion of U. S. and Canadian box office receipts returned to the distributor after the theater's costs have been deducted.

Domestic rentals, he writes, "generally dictate the value of the film in all subsequent markets," including foreign theaters, sales of video cassettes, cable television, network TV and television syndication.

The kinds of profits possible today certainly are alluring. "Ghostbusters." 1984's most suc-cessful film, earned \$127 million in domestic rentals against a negative cost of \$32 million. "Indiana Jones and the Temple of Doom," with a negative cost of \$27 million, had domestic rentals of \$109 million. In addition to "Beverly Hills Cop," the year's other big moneymakers include "Grem-"Terms of Endearment" (a holdover from 1983), "The Karate Kid" and "Star Trek III." Now for the bad news:

"Swing Shift," Goldie Hawn's charming World War II comedy, directed by Jonathan Demme cost \$16 million but has brought in \$4 million in domestic rentals, which probably doesn't even cover advertising and publicity. George Roy Hill's "Little Drummer Girl," with Diane Keaton in the adaptation of the John le Carré novel, has earned \$3.5 million on a negative cost of \$15 million. Brian De Palma's "Body Double" has brought in \$3.7 million against a \$19-million nega-

Whether or not "Beverly Hills Cop" catches up with "Ghostbus-ters" in terms of total income, the Murphy film is mind-boggling for the speed with which it has earned so much money, and this may be of more significance in the long run than its earnings. In raking in so much in such a short time, industry pundits say, it was taking money away from other new films, notably "The Cotton Club" (cost: \$48 million) and "Dune"

Godard's vision of a one-movie future may not be all that fanciful, not because the producers suddenly decide that one movie is enough but because the members of the public, increasingly sheeplike, decide, for whatever reasons, that they want to see just one

In December, "Beverly Hills Cop" was that movie.

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Eddie Murphy in "Beverly Hills Cop."

## Murphy: Mister Softee's Loss

By Dean Lokken

LOS ANGELES — As a teen-ager he worked in nightclubs for \$25 a day. Now, at 23, he is Hollywood's latest superstar, a \$75-

million-a-month draw.

Eddy Murphy's latest film, "Beverly Hills Cop," in which he plays a smart-mouthed Detroit policeman chasing a killer in California, has averaged about \$2.5 million a day since it opened Dec. 5.

In films, on television and records, Murphy slips chameleonlike in and out of impersonations — of his hero Elvis Presley, of the singer/composer Stevie Wonder, of an Irish priest.

He began doing impersonations as a child on Long Island, mimicking Bugs Bunny and Laurel and Hardy. His father was a large to the state of Brooklyn policeman who died when Eddie was 3. His mother later

married an ice-cream factory foreman. Murphy says his early aim was to own a Mister Softee ice-cream truck, but that was before he discovered how his routines affected the opposite sex. "Girls started screaming, and I said . . . you can't make girls scream in a Mister Softee truck."

At 15 he started taking his routines to local bars and youth centers. Five years ago, he tried the Comic Strip, a popular Manhattan nightclub. His quick, often raunchy humor encouraged the club's coowners, Robert Wachs and Richie Tienken, to become his managers. From the Comic Strip, it was an easy leap to television's "Saturday Night Live." Murphy stayed four seasons, winning a national audience and catching the attention of filmmakers. Next month he will take his act on a 28-city tour.

Last month he was booked at the Comic Strip for a benefit for the Save the Children Federation's Ethiopian food fund. A snowstorm kept him from making it, but he donated \$20,000, twice the amount collected in ticket sales.

#### **PEOPLE**

4 Top Golden Globes Awarded to 'Amadeus'

Miles Foreman's film "Amadeus," dealing with the rivalry between Wolfgang Amadeus Mozart and Antonio Salieri, swept four top awards in the 42d annual Golden Globe presentations by the Hollywood Foreign Press Association: best movie drama; best screenplay, for its adaptation of Peter Shaffer's play; best actor, F. Murray Abram, who played Salieri; and bestdirector, Foreman David Lean's "A Passage to India" won best foreign film, best original film score and best supporting actress (Peggy Ashcroft). Other awards: "Romancing the Stone," best movie comedy, and its Kathleen Turner est actress in a movie comedy Sally Field, best actress in a movie drama, "Places in the Fleart"; Dud. ley Moore best actor in a movie comedy, "Micki & Maude."

A dramatic escape from a Soviet

orison, detailed in a new book, has been characterized as total invention by former officials of the U.S. Embassy in Moscow. "Transit Point Moscow" by Gerald Amster and Bernard Asbell, was published Friday by Holt, Rinehart & Winston. Amster, arrested with two other Americans during a stopover at the Moscow airport in June 1976, confessed in a trial open to Western journalists that the three had intended to smuggle heroin from Kuala Lumpur to Amsterdam via Paris. Sentenced to eight years in a labor camp, Amster was released in December 1980 under a section of the Soviet criminal code applicable to prisoners with chronic mental disease. Amster said the claims about mental illness masked an agreement between U.S. and Soviet officials concerning his release. But State Department documents for the period in question quote Amster as having told U.S. consular officials in Moscow that during three months between August 1979 and February 1980 —the time that Amster said he was hid-ing out in Moscow after his escape — he was undergoing psychiatric treatment in a Soviet hospital. "The whole story of the escape is a fantasy," said Steven R. Mana, then vice consul at the U.S. Embassy in Moscow and now a State Department official in Washington. T. Dennis Reece, who was a U.S. vice consul in Moscow, also also denies

#### **LEGAL NOTICES**

OF SOUTH AFRICA DURBAN AND COAST LOCAL DIVISION CASE NO.7602/84

ond MISHA MORACHA — Defendant

To: MISHA MORACHA, odult male, orbit, formerly residing of 2193 Broad-moor, Polm Springs, Colifornia, 92264, UNITED STATES OF AMERICA and 16 Place du Tertre, PARIS 18114, FRANCE, but whose present wheredoouts are unknown:
TAKE MOTOR'S that by summons and MADEE:

unknown:

TAKE NOTICE that by summant sued out of the court, you have been called upon to give notice, within one (!) month after publication hereaf, to the registror and to the plaintiff's offerneys of your intention to defend (if any) is not action wherein

PATRICIA ANN MOSIACHA claims:
All A decree of discours

All A degree of divorce

By An order that sole guardianship and
custody of the minor chief, MARCO

CHARLES, born on 15 October 1981

be awarded to the plaintiff.

C Costs of suit in the event that the
distinction and defendant defends the action only D) Further or alternative relief. TAKE NOTICE FURTHER that if you fell to give such notice, judgment may be granted against you without further reference to you.

DATED at DURBAN this 28th day o November, 1984

Chapman Dyer Incorporated Plaintiff's attorneys 4th Floor, N.B.S. Building 300 Smith Street, Durban Republic of South Africa Registor of the Supreme Court Explanade, Durban Ref. R.G/14,M.3401

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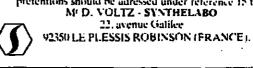
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